CIA IMA	GERY ANALYSIS DIVISI	ON	
NAME Ban Ken Hwy. Bridge over Nam Mat Bridge No. 1L on NE 48-2	Country Laos	19 35N - 103 40E PE 599664	 25X´
MAP JOG (A) 1501 NE 48-2		BRIEF NO: PIB 75200 October 1966	25X ²

DESCRIPTION:

LENGTH	220'	approx.	
WIDTH		1-1	1
TYPE	Half.	through	l truss

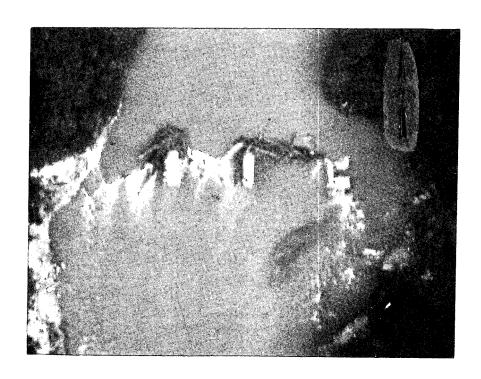
MATERIAL Concrete, wood, and steel LENGTH OF EACH SPAN 55' approx.

25X1

status: 4 spans completely destroyed, piers and 6 abutments intact.

COMPENSATIVE ACTION:

Ford immediately north of bridge.



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Ban Dong Hwy. Bridge		19 39N - 103 18E
Bridge No. 1L on NE 48-1	Laos	UG 224560
		BRIEF NO:
		PIB 75201
MAP JOG (A) 1501 NE 48-1		PIB 75201 October 1966

LOCATION: 2.1 nm SW of Ban Dong on Route 7.

DESCRIPTION:

25X1

LENGTH 20' approx. WIDTH 10' approx. TYPE Deck

MATERIAL Timber and concrete NO. OF SPANS

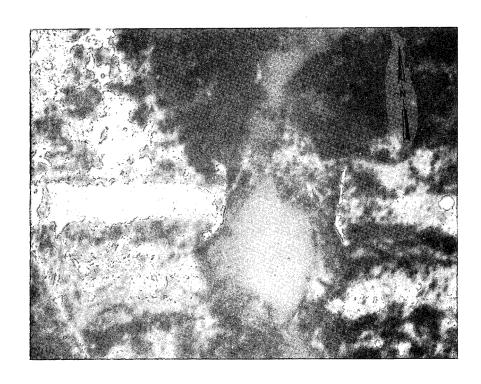
LENGTH OF EACH SPAN 20' approx.

STATUS:

Span completely destroyed; abutments intact.

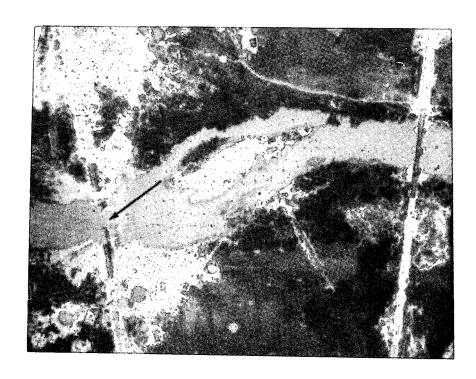
COMPENSATIVE ACTION:

Heavily damaged temporary 20' x 10' timber deck-type by-pass bridge immediately south of highway bridge.



Approved For Release 2000 0811 DENTIAL PP78T05161A001600060001-6

_	CIA IMAGERY ANALYSIS DIVISION				
-	NAME Cao	Nung RR. Bridge over	COUNTRY	COORDINATES	
25X1	Song Hao			21 33N - 106 29E	
_	Bridge No	o. 2 on NF 48-12	North Vietnam	XJ 554845	
25X1				BRIEF NO:	
				PIB 75202	
_	MAP	AMS L509 NF 48-12		October 1966	
	LOCATION:	0.4 nm SE of Cao Nung on th	ne Hanoi-Dong Dang Rail	Line.	
	DESCRIPTION	ı:			
25X1	LENGTH WIDTH Type	175' approx. Deck		ete, and timber 70' approx., 1 @ 60' approx 45' approx.	
	status: 2 sj	pans dropped (60! and 45!);	l span severely damage	a (70').	
	COMPENSATI	VE ACTION:			
	Bridge probably being repaired; deck of by-pass bridge has been replaced and now appears to be operational.				
25X1					



CIA IMAGERY ANALYSIS DIVISION			
COUNTRY	COORDINATES		
•	17 36N - 106 18E		
North Vietnam	XE 392473		
•	BRIEF NO:		
	PIB 75203		
1	October 1966		
	COUNTRY North Vietnam		

LOCATION: 0.4 nm S of Xuan Son on Route 101.

DESCRIPTION:

LENGTH 50' approx. WIDTH 10' approx. Deck

NO. OF SPANS 2 probable LENGTH OF EACH SPAN 25' approx.

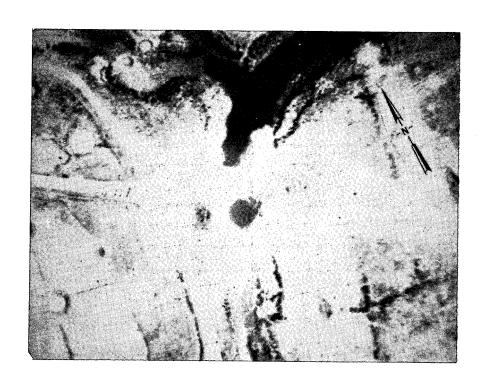
STATUS:

25X1

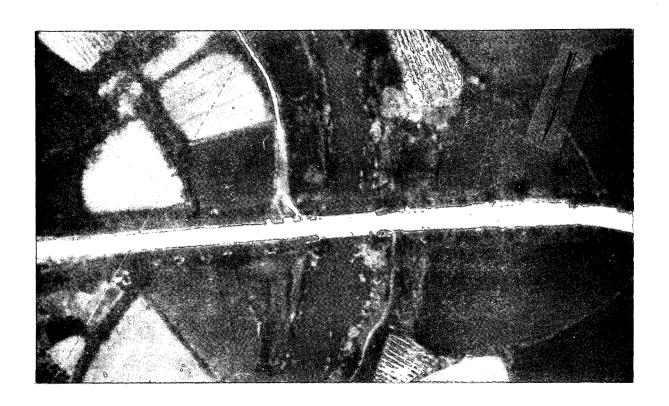
Completely destroyed.

COMPENSATIVE ACTION:

Rock fill by-pass causeway and culvert.

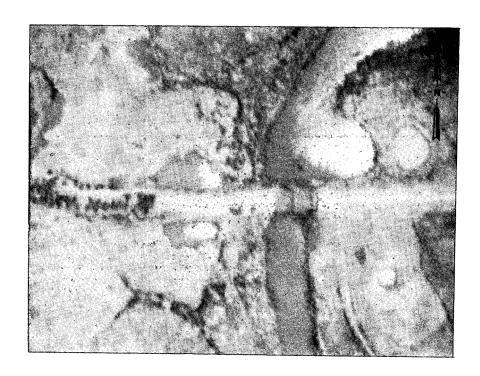


	CIA IMAGER	RY ANALYSIS DIVISION		
25X1	NAME Xom Xoi Hwy. Bridge NW over stream Bridge No. 13 on NE 48-11	COUNTRY North Vietnam	17 37N - 106 29E XE 570485	
25X1	MAP JOG (A) 1501 NE 48-11		BRIEF NO: PIB 75204 October 1966	
	LOCATION: At Xom Xoi on Route 101. DESCRIPTION:			
25X1	LENGTH WIDTH TYPE Deck	MATERIAL WOOD NO. OF SPANS 2 LENGTH OF EACH SPAN		25X1
	status: Pre-strike			
	COMPENSATIVE ACTION: None			
25X1				

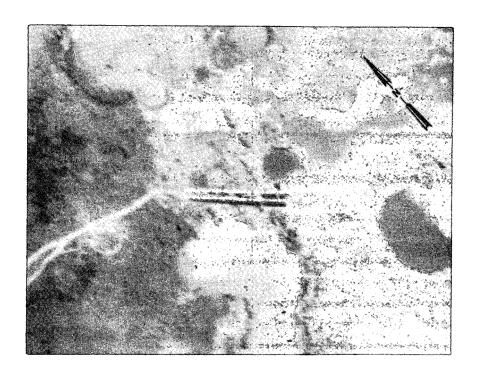


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	CIA IMAG	ERY ANALYSIS DIVISION		
25X1	NAME Xom Xoi Hwy. Bridge NW over stream	COUNTRY	COORDINATES 17 37N - 106 29E	
	Bridge No. 13 on NE 48-11	North Vietnam	XE 570485	
25X1			BRIEF NO: PIB 75205	
	LOCATION: At Xom Xoi on Route 101.		October 1966	
	DESCRIPTION:			
25X1	LENGTH WIDTH TYPE Deck	material Wood no. of spans 2 length of each span		25X
	Status: Severe deck damage.			
	COMPENSATIVE ACTION:			
	None			
25X1				



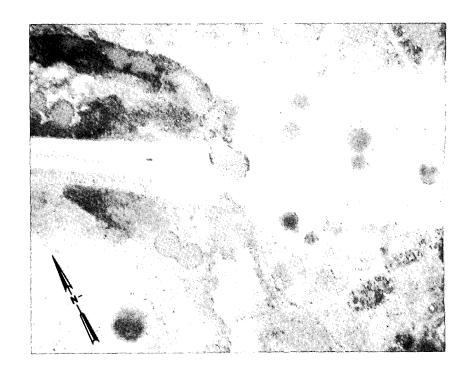
CIA	IMAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Xom Xoi Hwy. Bridge No. 2		17 37N - 106 29E
Bridge No. 14 on NE 48-11	North Vietnam	XE 566486
		BRIEF NO:
		PIB 75207
MAP JOG (A) 1501 NE 48-		October 1966
LOCATION: 0.2 nm NW of Xom Xoi	on Route 101.	
DESCRIPTION:		
LENGTH	MATERIAL WOOD	
WIDTH	mood	
TYPE	NO. OF SPANS 4	
Deck	ZENOTH OF EACH SPAN	
	_, L	
STATUS:		
Deck displaced off piers;	one abutment damaged; 3 p	iers damaged.
COMPENSATIVE ACTION:		
Dr. 2000		
By-pass causeway.		
by-pass causeway.		
by-pass causeway.		



_		GERY ANALYSIS DIVISION		
25X1	NAME Kim Nac Hwy. Bridge over stream	COUNTRY	18 13N - 106 02E	_
	Bridge No. 23 on NE 48-7	North Vietnam	XF 103158	
25X1			BRIEF NO:	
	MAP JOG (A) 1501 NE 48-7		PIB 75208 October 1966	
	LOCATION: 0.8 nm NE of Kim Nac on	Route LA.		
25X1	DESCRIPTION:	Manala and		
20/(1	width 10 approx.	material Timber		
	Deck	LENGTH OF EACH SPAN		25X
	STATUS: Bridge is in late stages of	repair.		
	COMPENSATIVE ACTION:			
	By-pass bridge.			
25X1				

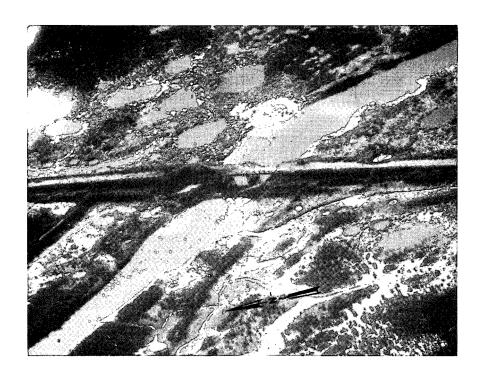


	CIA	IMAGERY ANALYSIS DIVISION	
•	N AME	COUNTRY	COORDINATES
	Dong Hoi Hwy. Bridge No. 3		17 28N - 106 36E
	Bridge No. 54 on NE 48-12	North Vietnam	XE 713333
5X1			BRIEF NO:
			PIB 75209
	MAP JOG (A) 1501 NE 48-	-12	October 1966
	LOCATION: 0.6 nm NW of Dong Hoi	on Route LA.	
	DESCRIPTION:		
5X1	LENGTH	MATERIAL Concrete	2
J/(I	WIDTH	NO. OF SPANS 1 pro	
	TYPE	LENGTH OF EACH SPAN	
	Deck probable		2
		L	
	STATUS: Bridge has been rebuilt s	as a culvert and is now ser	avi applia
	Dirage has been resure a	as a curver o and is now ser	.viceable.
	COMPENSATIVE ACTION:	·	
	None		
5X1			



	CIA IMAGE	RY ANALYSIS DIVISION	
	NAME Lan Tra Hwy. Bridge N over	COUNTRY	COORDINATES
5X1	Song Cua	İ	19 22N - 105 44E
	Bridge No. 21 on NE 48-3	North Vietnam	WG 771415
5X1			BRIEF NO:
			PIB 75210
	MAP JOG (A) 1501 NE 48-3		October 1966
	LOCATION: 1.0 nm W of Huu Lai on Rou	ute lA.	
	DESCRIPTION:		
	·	7	
X1	LENGTH	MATERIAL Concrete	and wood
	WIDTH TYPE	NO. OF SPANS 3	1
	Deck	LENGTH OF EACH SPAN	
	STATUS:		
	One span and 1 abutment destro	oyed; remaining 2 spans	s damaged.
	COMPENSATIVE ACTION:		

	None apparent.		
5X1			
//\ I			



CIA IMAGERY ANALYSIS DIVISION				
NAME Dao Nguyen Hwy. Bridge over	COUNTRY	COORDINATES		
Dai Giang Bridge No. 46 on NE 48-7	North Vietnam	18 OlN - 106 24E XE 489934		
	BRIEF NO:			
	PIB 75211			
MAP JOG (A) 1501 NE 48-7		October 1966		

LOCATION: 0.8 nm SW of Dao Nguyen on Route LA.

DESCRIPTION:

25X1

25X1

LENGTH 60' approx. width 10' approx. TYPE

Timber MATERIAL NO. OF SPANS 3 LENGTH OF EACH SPAN 20' approx. Deck

STATUS: Completely destroyed.

COMPENSATIVE ACTION:

Ford



CIA IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES
Quang Khe Hwy. Bridge No. 1		17 42N - 106 29E
Bridge No. 38 on NE 48-11	North Vietnam	XE 568568
1		BRIEF NO:
		PIB 75212
MAP JOG (A) 1501 NE 48-	11	

MATERIAL

NO. OF SPANS

Concrete

LENGTH OF EACH SPAN 40 approx.

1

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered route.

DESCRIPTION:

WIDTH TYPE 40' approx.

Combination lock and

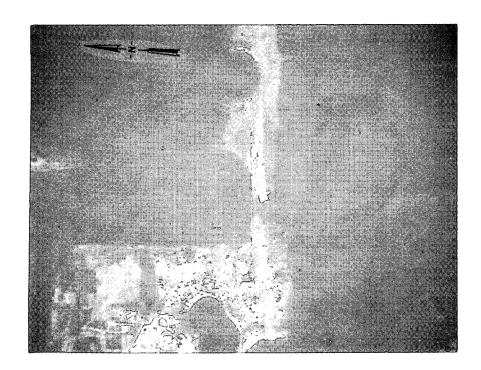
deck-type bridge

STATUS:

Span has been destroyed.

COMPENSATIVE ACTION:

None



Approved For Release 2002/03/12 D CMTR P78T05161A001600060001-6 CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 25X1 18 37N - 105 40E stream Bridge No. 37 on NE 48-North Vietnam WF 707599 25X1 BRIEF NO: PIB 75213 October 1966 NE 48-7 JOG (A) 1501 0.4 nm SW of Yen Dong on Route 8. 25X1 DESCRIPTION: 25X1 MATERIAL Concrete LENGTH WIDTH NO. OF SPANS 4 TYPE LENGTH OF EACH SPAN Deck

STATUS: 40' span destroyed; one 10' span destroyed; 1 pier slightly damaged.

COMPENSATIVE ACTION:

None



CIA IMAGERY ANALYSIS DIVISION				
NAME Thanh Thuy Hwy. Bridge over	COUNTRY	COORDINATES		
stream		17 47N - 106 14E		
Bridge No. 43 on NE 48-11	XE 310682			
	BRIEF NO:			
	PIB 75214			
MAP JOG (A) 1501 NE 48-11		October 1966		

LOCATION: At Thanh Thuy on Route 110.

DESCRIPTION:

25X1

25X1

25X1

WIDTH
TYPE

30' approx.

Deck

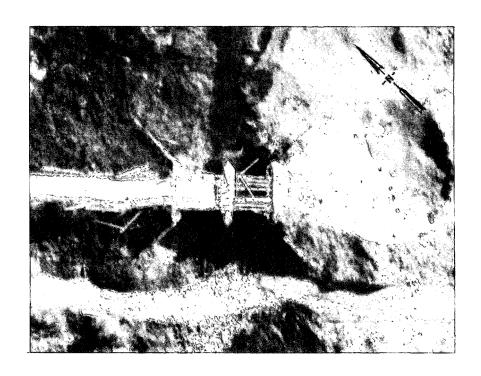
MATERIAL Concrete and wood No. of Spans 2 LENGTH OF EACH SPAN 15 approx.

STATUS:

Deck severely damaged.

COMPENSATIVE ACTION:

By-pass causeway.



CIA IMAGERY ANALYSIS DIVISION				
NAME Bai Duc Thon RR. Bridge over	COUNTRY	COORDINATES		
Khe Ba Giang		18 03N - 105 50E		
Bridge No. 7 on NE 48-7	North Vietnam	WE 886964		
		BRIEF NO:		
		PIB 75215		
MAP JOG (A) 1501 NE 48-7		October 1966		
LOCATION: O 2 nm NE of Rei Due Thom o	n the Winh Dong Hot Doi	1 Time		

NE of Bai Duc Thon on the Vinh/Dong Hoi Rail Line.

DESCRIPTION:

25X1

25X1

LENGTH 140' approx. WIDTH 10' approx. (Single track) NO. OF SPANS Undetermined TYPE Through-truss

MATERIAL Wood, steel, and concrete LENGTH OF EACH SPAN Undetermined

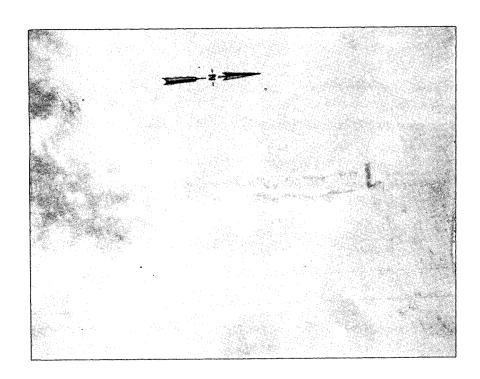
STATUS:

Spans completely dropped; one abutment destroyed; track which had been constructed across the top of the dropped spans has been destroyed.

COMPENSATIVE ACTION:

By-pass bridge W of main bridge is serviceable.

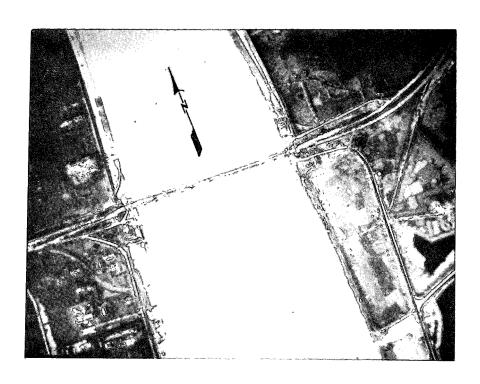
25X1			



	CIA IMAGER	Y ANALYSIS DIVISION		
Ngan Sat	Khe Thon RR. Bridge over	COUNTRY North Vietnam	COORDINATES 18 03N - 105 49E WE 870974	
МАР	JOG (A) 1501 NE 48-7		PIB 75216 October 1966	
LOCATION:	0.8 nm SE of La Khe Thon or	n the Vinh/Dong Hoi		_
LENGTH Width Type	360' approx. Deck-beam and half-through	MATERIAL Wood, stee	el, concrete	2
STATUS:	truss	. L		
All	L spans destroyed; 5 piers de	estroyed.		
COMPENSAT	VE ACTION: ne apparent.			
	apparation			



	CIA IMAGE	ERY ANALYSIS DIVISION	
over Tha	Duong <u>RR. and Hwy. Bri</u> dge ai Binh No. 8 on NF 48-15	North Vietnam	20 56N - 106 21E XJ 415163
MAP	JOG (A) 1501 NF 48-15		BRIEF NO: PIB 75217 October 1966
LOCATION: DESCRIPTION LENGTH WIDTH	on: 1.290' approx.	MATERIAL Steel and	-
TYPE STATUS:	Single-track Combination through-arch t and temporary deck-beam dge repaired and serviceabl	russ	2 @ 125' approx. 2 @ 85' approx.
	TIVE ACTION: pass bridge under construct	ion north of bridge.	



CIA IMAGERY ANALYSIS DIVISION			
NAME Thinh Lac RR. Bridge over	COUNTRY	COORDINATES	
stream		19 40N - 105 42E	
Bridge No. 12 on NE 48-3	North Vietnam	XG 741748	
	BRIEF NO:		
	PIB 75218 October 1966		
MAP AMS JOG (A) 1501 NE 48-3		October 1966	

LOCATION: 0.2 nm E of Thinh Lac on Hanoi/Vinh Rail Line.

DESCRIPTION:

.25X1

25X1

WIDTH 100' approx.

YPPE 10' approx. (Single-track)
Through-truss

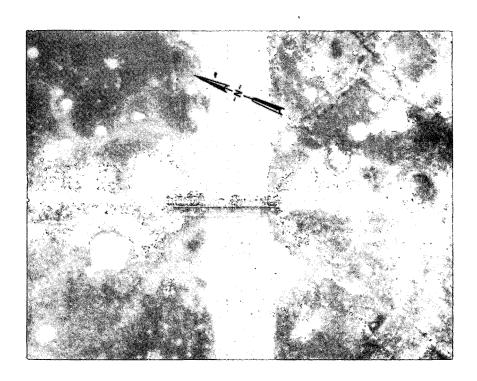
MATERIAL Steel and concrete NO. OF SPANS 3 LENGTH OF EACH SPAN 35 1 approx.

STATUS:

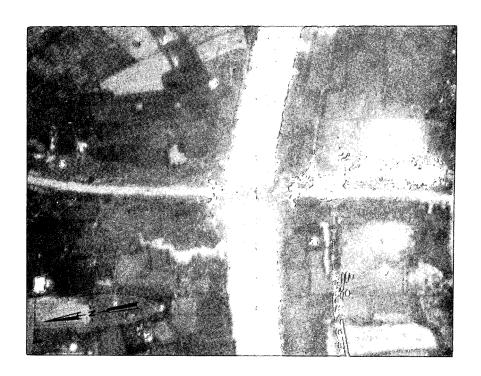
Decking slightly damaged; one approach cratered; 1 abutment moderately damaged; truss slightly twisted.

COMPENSATIVE ACTION:

By-pass bridge 800' west.

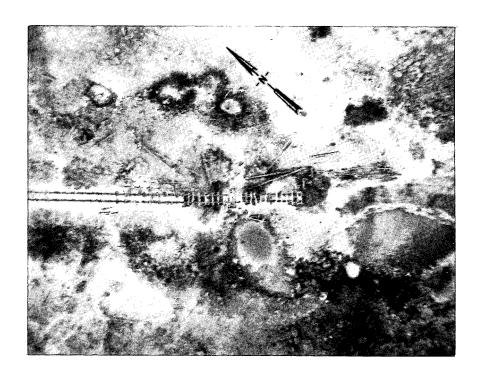


	CIA IMAG	ERY ANALYSIS DIVISI	ION
over Hoang Giang Bridge No. 33 on		COUNTRY North Vietna	
MAP AMS JOG		. •	BRIEF NO: PIB 75219 October 1966
LOCATION: 0.8 nm	W of Thien Linh D	ong on Hanoi/Vinh	Rail Line.
LENGTH 80' app width TYPE Deck-gi		NO. OF SPANS	el and concrete
status: l span drop	ped; l pier severe	ely damaged; l sp	an severely damaged.
compensative action: By-pass bri	lge.		

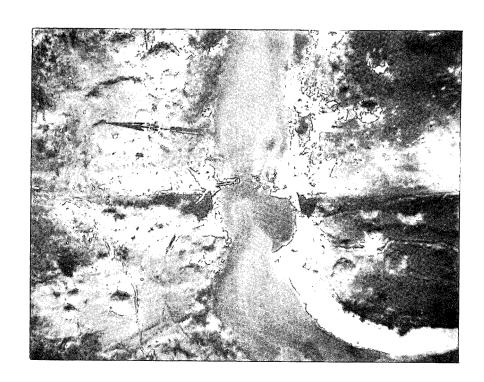


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	CIA IMA	GERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Trai :	Tranh Xom RR. Bridge		18 05N - 105 48E
Bridge	e No. 69 on NE 48-7	North Vietnam	WE 850993
			BRIEF NO:
			PIB 75220
MAP	JOG (A) 1501 NE 48-7		October 1966
LOCAT	ion: 0.7 nm NW of La Khe Thon	on the Vinh/Dong Hoi	Rail Line.
DESCRI	PTION:		
LENG	тн	MATERIAL Wood an	nd concrete
L ENG WIDTI			
TYPE	(Single-track	LENGTH OF EACH SPAN	
	Trestle		
CT 1 TUC			
STATUS	: L approach heavily cratered;	l abutment destroyed	: 1 span dropped.
•	approach heavily crasered;	i ababilit acbuilgea	, I phou arobbea.
COMPE	ISATIVE ACTION:		
]	None		



Bridge No. 10 on NE 48-7 North Vietnam WF 676222 BRIEF NO: PTB 75221 October 1966 Location: 0.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line. DESCRIPTION: LENGTH 160' approx. WIDTH 5' approx. (Single-track) NO. OF SPANS 5		
Bridge No. 10 on NE 48-7 North Vietnam WF 676222 BRIEF NO: PIB 75221 October 1966 LOCATION: 0.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line. DESCRIPTION: LENGTH 160' approx. MATERIAL Wood and concrete WIDTH 5' approx. (Single-track) No. OF SPANS 5 TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:	ONON DOG NO. 19 17N	
MAP JOG (A) 1501 NE 48-7 October 1966 LOCATION: 0.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line. DESCRIPTION: LENGTH 160' approx. MATERIAL Wood and concrete WIDTH 5' approx. (Single-track) TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:		105 38E
MAP JOG (A) 1501 NE 48-7 October 1966 LOCATION: 0.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line. DESCRIPTION: LENGTH 160' approx. MATERIAL Wood and concrete WIDTH 5' approx. (Single-track) TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:	Bridge No. 10 on NE 48-7 North Vietnam WF 67622	2
DESCRIPTION: LENGTH 160' approx. WIDTH 5' approx. (Single-track) Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. October 1966 October 1966 October 1966 No. Of Spans 5 LENGTH OF EACH SPAN LENGTH OF EACH SPAN STATUS: All spans and piers are destroyed; abutments are intact.		
LOCATION: O.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line. DESCRIPTION: LENGTH 160' approx. MATERIAL Wood and concrete WIDTH 5' approx. (Single-track) NO. OF SPANS 5 TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:		
DESCRIPTION: LENGTH 160' approx. MATERIAL Wood and concrete WIDTH 5' approx. (Single-track) NO. OF SPANS 5 TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:		1966
LENGTH 160' approx. WIDTH 5' approx. (Single-track) NO. OF SPANS 5 TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:	LOCATION: 0.9 nm S of Phuong Dien on the Vinh/Dong Hoi Rail Line.	-
WIDTH 5' approx. (Single-track) NO. OF SPANS 5 TYPE Deck-beam STATUS: All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:	DESCRIPTION:	
All spans and piers are destroyed; abutments are intact. COMPENSATIVE ACTION:	width 5' approx. (Single-track) NO. OF SPANS 5	
By-pass bridge U/C east of original bridge.		
	By-pass bridge U/C east of original bridge.	
	,	



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CIA IMAGERY ANALYSIS DIVISION				
NAME Yen My RR. and Hwy. Bridge N	COUNTRY	COORDINATES		
over stream		18 38N - 105 39E		
Bridge No. 15 on NE 48-7	North Vietnam	WF 692608		
		BRIEF NO:		
		PIB 75222		
MAP JOG (A) 1501 NE 48-7		October 1966		
LOCATION: 0 5 nm N of Do Yen on Vinh/	Dong Hoi Rail Line.			

DESCRIPTION:

60' approx. LENGTH HTOIW 10' approx. TYPE

Deck

MATERIAL Concrete and steel NO. OF SPANS 3

LENGTH OF EACH SPAN 20' approx.

STATUS:

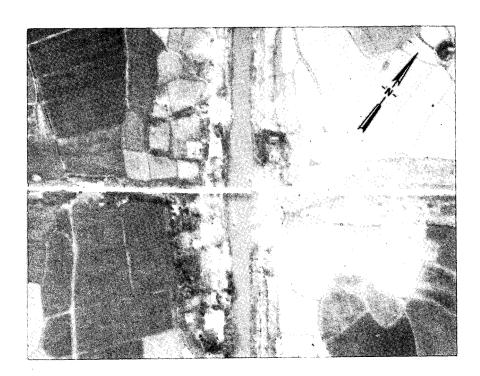
25X1

25X1

1 span destroyed.

COMPENSATIVE ACTION:

None



	CIA IMAG	ERY ANALYSIS DIVISION	
•V/4 . F	Dong Hwy. Bridge over	COUNTRY	COORDINATES
5X1 stream[19 34N - 105 46E
	No. 57 on NE 48-3	North Vietnam	WG 818635
X1			BRIEF NO:
			PIB 75223
MAP	AMS L509 NE 48-3		October 1966
LOCATION:	0.8 nm NE of Thuong Cong	on Route 701	

DESCRIPTION:

LENGTH 30' approx. WIDTH 25X1

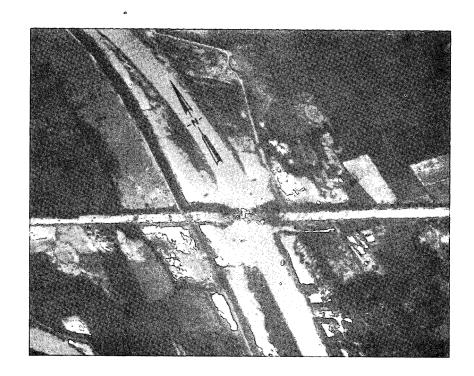
NO. OF SPANS 3
LENGTH OF EACH SPAN 10' approx. Wood

STATUS:

Center span dropped; piers and abutments intact.

COMPENSATIVE ACTION:

None apparent.



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	CIA IMAGERY ANALYSIS DIVISION				
NAME			COUNTRY	COORDINATES	
	on RR. Bridge			18 04N - 105 48E	
Bridge No	o. 69 on NE 48-7	}	North Vietnam	WE 852989	
5X1		-		BRIEF NO:	
				PIB 75224	
MAP	AMS JOG (A) 1501	NE 48-7		October 1966	

LOCATION: 0.7 nm NW of La Khe Thon on the Vinh/Dong Hoi Rail Line.

DESCRIPTION:

width 55' approx.
TYPE 55' approx.
Deck-beam

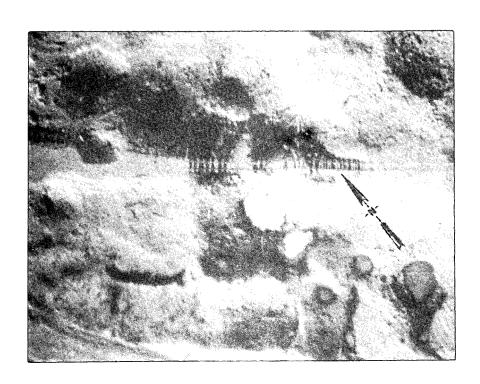
MATERIAL Wood and concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 55! approx.

STATUS:

Span heavily damaged; bridge is unserviceable.

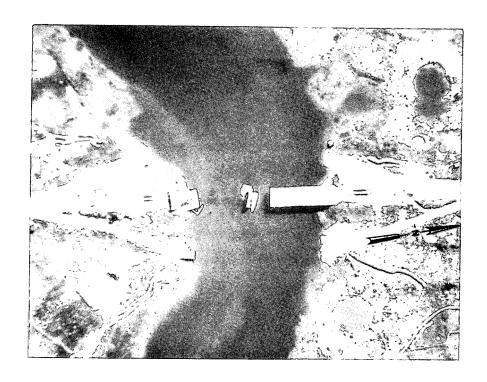
COMPENSATIVE ACTION:

None



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,	CIA IMAGE	RY ANALYSIS DIVISION		•
	NAME Tho Ngoa Hwy. Bridge over	COUNTRY	COORDINATES	
25X1	stream		18 14N - 106 OLE	
, .	Bridge No. 21 on NE 48-7	North Vietnam	XE 070170	
25X1			BRIEF NO:	
			PIB 75226	
	MAP JOG (A) 1501 NE 48-7		October 1966	
	LOCATION: 0.7 nm NW of Tho Ngoa on Ro	oute LA.		
	DESCRIPTION:			
25X1	LENGTH	MATERIAL Concrete and	steel	
25/(1	width 20' approx.	NO. OF SPANS 7		
	Deck	LENGTH OF EACH SPAN		25>
	2001			_0,
	STATUS:			
	Dropped spans replaced by cable	es; no evidence of remo	veable decking.	
	COMPENSATIVE ACTION:			
	NA			
	TATA			
_				
25X1				

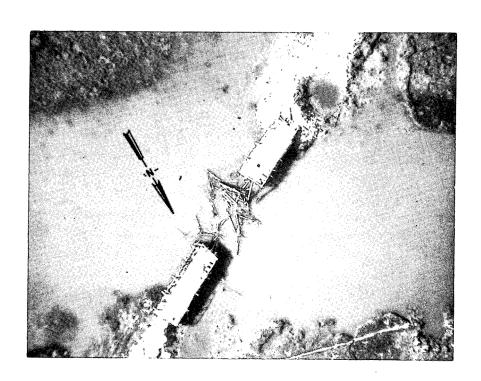


			CIA IMAGER	Y ANALYSIS DIVISION		
	NAME Vinh I	inh Hwy. Brid	dge	COUNTRY	COORDINATES	
25X1			<u>.</u>		17 03N - 10	7 OlE
	Bridge No.	56 on NE 48-	1.2	North Vietnam	YD 146869	
25X1					BRIEF NO:	
					PIB 75227	
	MAP JO	<u> ()</u>	3-12		October 196	6
	LOCATION: O.	5 nm W of Vir	nh Linh on an	unnumbered route	connecting Route	1A and 101.
	DESCRIPTION:					
25X1	LENGTH			MATERIAL Timber		
	WIDTH			No. of spans 7 pro	hahlo	•
	TYPE De	ck		LENGTH OF EACH SPAN	Daide	7 25 1
	.,,	CK				25X1
	STATUS:					-

Three spans and 2 piers destroyed; 4 spans moderately damaged; both abutments severely damaged.

COMPENSATIVE ACTION:

None



CIA IMAGERY ANALYSIS DIVISION					
NAME Qui Vinh By-Pass No. 1 RR. Br.	COUNTRY	COORDINATES			
over Song Hoang Mai		19 15N - 105 41E			
Bridge No. 1 on NE 48-3	North Vietnam	WG 720302			
		BRIEF NO:			
		PIB 75228			
MAP JOG (A) 1501 NE 48-3		October 1966			
TT C C TT I	TT . /TT. 7 TD . T .				

LOCATION: 0.4 nm W of Qui Vinh on the Hanoi/Vinh Rail Line.

DESCRIPTION:

25X1

25X1

25X1 LENGTH 200' approx.
WIDTH
TYPE Deck-beam (Single-track)

(Single-track) Material Wood

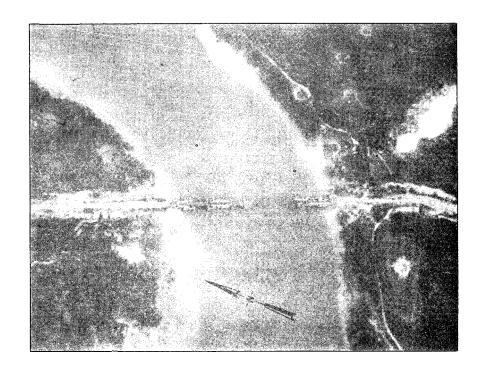
No. of spans 10 probable
LENGTH OF EACH SPAN 20' approx.

STATUS:

Three spans destroyed; two spans possibly damaged.

COMPENSATIVE ACTION:

By-pass bridge No. 2 remains serviceable; by-pass bridge No. 3 under construction.



CIA IMAGERY ANALYSIS DIVISION					
NAME	COUNTRY	COORDINATES			
Quang Khe Hwy. Bridge No. 1	17 41N - 106 28E				
Bridge No. 38 on NE 48-11	North Vietnam	XE 568568			
	BRIEF NO:				
	PIB 75229				
MAP AMS JOG (A) 1501 NE 48-11		October 1966			

MATERIAL

NO. OF SPANS

Concrete

1 LENGTH OF EACH SPAN 401 approx.

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered route.

DESCRIPTION:

LENGTH WIDTH

40' approx.
10' approx.

TYPE

Combination lock and

deck-type bridge

STATUS:

Span replaced; bridge is now serviceable.

COMPENSATIVE ACTION:

None

25X1

- N -	

CIA IMAG		
NAME	COUNTRY	COORDINATES
Quang Khe Hwy. Bridge No. 2 Bridge No. 39 on NE 48-11	North Vietnam	17 41N - 106 28E XE 567568
		BRIEF NO: PIB 75230
MAP AMS JOG (A) 1501 NE 48	-11	October 1966

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered route.

DESCRIPTION:

25X1

LENGTH 40' approx. WIDTH 10' approx.

Combination lock and

deck-type bridge

Concrete MATERIAL

NO. OF SPANS

LENGTH OF EACH SPAN 40' approx.

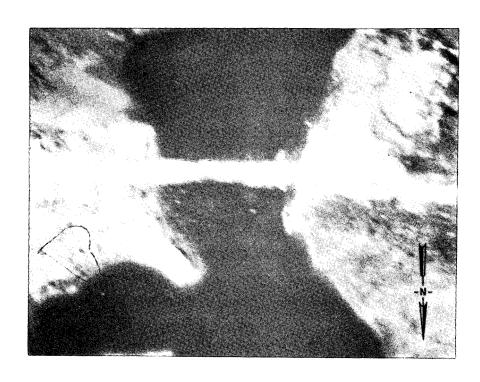
STATUS:

TYPE

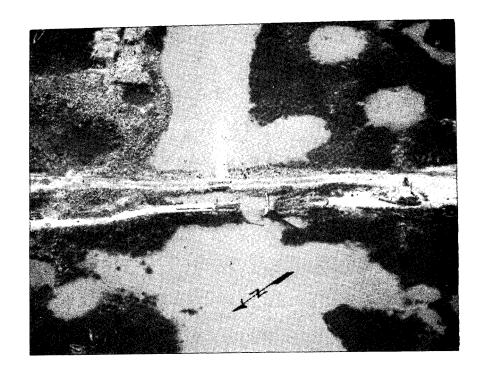
Crushed rock causeway has been replaced.

COMPENSATIVE ACTION:

None



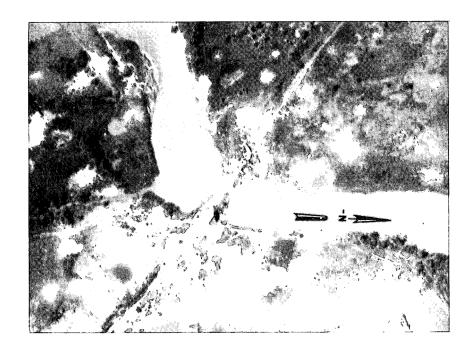
	CIA	IMAGERY ANALYSIS DIVISION		
N AME		COUNTRY	COORDINATES	
Dong Bai Hwy. Brid			19 08N - 105 37E	
Bridge No. 11 on N	E 48-3	North Vietnam	WG 656166	
***			PIB 75231 October 1966	
LOCATION: 0.8 nm NE	NE 48-3 l of Cao Hau c	on Route LA.	October 1900	
DESCRIPTION:				
LENGTH 95' appro	ox.	MATERIAL Steel and	concrete	
TYPE 10' appro		NO. OF SPANS 4 Length of Each Span		
status: One span dest	royed.			
COMPENSATIVE ACTION:				
Rock filled o	auseway by-pa	ass.		



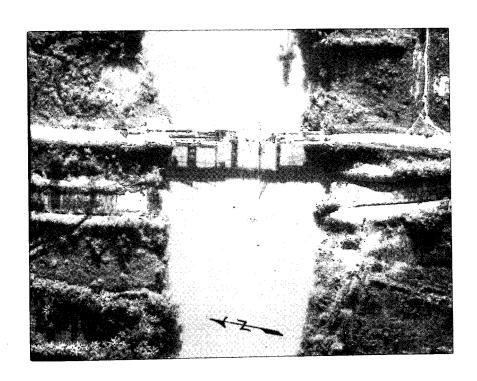


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•	CIA IMAGERY ANALYSIS DIVISION					
	NAME Dong Bai RR. Bridge over	COUNTRY	COORDINATES			
25X1	Song Tien		18 09N - 105 43E			
	Bridge No. 11 on NE 48-7	North Vietnam	WF 762079			
25X1			BRIEF NO: PIB 75232			
	MAP AMS L509 NE 48-7		September 1966			
,	LOCATION: 0.4 nm NNE of Dong Bai on	the Vinh/Dong Hoi Rail	Line.			
	DESCRIPTION:					
25X1	WIDTH 230' approx. (Single track) Deck	LENGTH OF EACH SPAN 4 @	e			
	All the spans and piers destro	yed; one abutment dest	royed.			
	COMPENSATIVE ACTION:					
	By-pass and bridge U/C , 0.5 nm	north of main bridge.				
25X1						



-		CIA IMAGE	RY ANALYSIS DIVISION			
- 5X1	Song Yen	Thi Hwy. Bridge over	COUNTRY	coordinates 19 37N - 105 39E WG 679699		
5X1	Bridge N	o. 55 on NE 48-3	North Vietnam	BRIEF NO: PIB 75233		
-	MAP LOCATION:	JOG (A) 1501 NE 48-3 At An Trach on Route 704.		October 1966		
	DESCRIPTION		•			
	LENGTH Width Type	100' approx. 10' approx. Deck	material Wood and no. of spans 14 Length of each span	concrete 2 @ 35' approx.		
	status: Bri	dge in late stages of repai	ir.	2 @ 15' approx.		
	COMPENSATIVE ACTION:					
	2 p	ontoon by-pass bridges; one	e ford.			
5X1						



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CIA IM.	AGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Lang Bun Hwy. Bridge No. 2		18 20N - 105 47E
Bridge No. 54 on NE 48-7	North Vietnam	WF 840270
Di luge No:)4 on NE 404	Wel ou viceliam	
		BRIEF NO:
		PIB 75234
MAP JOG (A) 1501 NE 48-7	October 1966	

LOCATION: 1.1 nm W of Lang Bau on Route 152.

DESCRIPTION:

WIDTH 40' approx.

10' approx.

Deck

MATERIAL Wood

NO. OF SPANS | probably
LENGTH OF EACH SPAN 40' approx.

STATUS:

25X1

Completely destroyed.

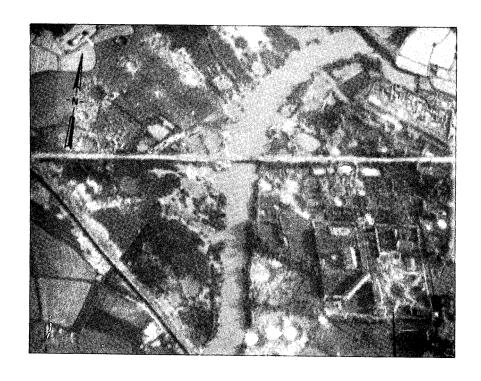
COMPENSATIVE ACTION:

Ford



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	CIA IN	MAGERY ANALYSIS DIVISION	
X1	NAME Vinh Luu Hwy. Bridge over Song Chau Lam Bridge No. 31 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 20N - 105 53E WF 928278
(1			BRIEF NO:
	MAP JOG (A) 1501 NE 48-7		PIB 75235 October 1966
	LOCATION: 1.1 nm SE of Thanh True	ai on Route 15.	
	DESCRIPTION:		
X1	width type Deck	material Wood no. of spans 6 proba Length of each span 20	ble approx.
	STATUS: Bridge repaired and service	ceable.	
	COMPENSATIVE ACTION:		
	By-pass road and possible	ferry site.	
X1			



CIA IMAGERY ANALYSIS DIVISION

NAME Dong Ca Thon RR. Bridge country coordinates
over Cai Khe 17 53N - 106 01E
Bridge No. 48 on NE 48-11 North Vietnam XE 078787

BRIEF NO:
PIB 75240
October 1966

LOCATION: 0.7 nm SW of Dong Ca Thon on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

VIDE 100' approx.

10' approx.

10' approx.

Probable through-truss

MATERIAL Steel
NO. OF SPANS 1
LENGTH OF EACH SPAN 100 | approx.

STATUS:

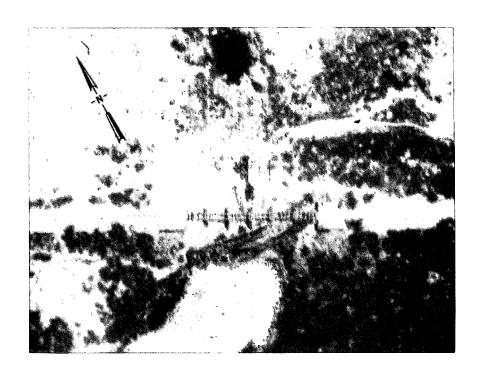
25X1

25X1

Repaired and serviceable.

COMPENSATIVE ACTION:

Through-truss bridge replaced by a 6-span timber deck-type bridge.



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Ngoc Diem RR. Bridge		19 09N - 105 36E	
Bridge No. 18 on NE $48-3$	North Vietnam	WG 643186	
(1	•	BRIEF NO:	
\		PIB 75241	
MAP JOG (A) 1501 NE 48-3		October 1966	

LOCATION: 0.9 nm S of Xuan Loc on Route 194.

DESCRIPTION:

25X1

ENGTH	50' approx.
HTOIN	
TYPE	Deck

MATERIAL Steel and concrete NO. OF SPANS 2 LENGTH OF EACH SPAN 25' approx.

STATUS:

Bridge repaired; serviceable for highway traffic.

COMPENSATIVE ACTION:

NA



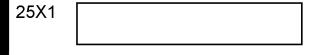
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NAME		COUNTRY	COORDINATES
Trai Tra	n Xom RR. Bridge		18 05N - 105 48E
	o. 69 on NE 48-7	North Vietnam	WE 850993
			BRIEF NO:
			PIB 75242
MAP	JOG (A) 1501 NE 48-	. 7	October 1966
LOCATION:		Kom on Vinh - Dong Hoi Rai	l Line.
DESCRIPTIO	N:		•
LENGTH	55' approx.	MATERIAL WOOD	-
WIDTH	5' approx.	no. of spans 3 probal	oTe
TYPE	Trestle	LENGTH OF EACH SPAN	
		L	
STATUS:			. . .
status: Abu	tment and span repaire	ed; bridge is now serviceal	ble.
status: Abu	tment and span repaire	ed; bridge is now serviceal	ble.
Abu		ed; bridge is now serviceal	ble.
COMPENSAT	IVE ACTION:	ed; bridge is now serviceal	ble.
Abu	IVE ACTION:	ed; bridge is now serviceal	ble.
Abu	IVE ACTION:	ed; bridge is now serviceal	ble.



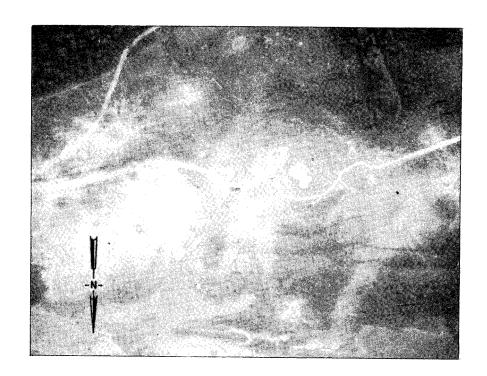
Approved For Release 2002/08/17 DENTRAP78T05161A001600060001-6

	CIA IMAGERY ANALYSIS DIVISION				
	N AME	COUNTRY	COORDINATES		
	Xom Nhan Hwy. Bridge		18 30N - 105 24E		
	Bridge No. 73 on NE 48-7	North Vietnam	WF 434464		
25X1			PIB 75243		
-		48-7	October 1966		
	LOCATION: 0.3 nm E of Xom Nha	an on Route 8.			
	DESCRIPTION:				
	LENGTH 55 approx.	material Wood, and	concrete		
25X1	WIDTH	NO. OF SPANS			
	Deck	LENGTH OF EACH SPAN 5	5' approx.		
	Span dropped.				



By-pass bridge.

COMPENSATIVE ACTION:



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	CIA IMAG	ERY ANALYSIS DIVISION	
-	NAME Xom Ca Trang Hwy. Bridge	COUNTRY	COORDINATES
	By-pass No. 1		17 57N - 105 48E
	Bridge No. 3 on NE 48-11	North Vietnam	WE 850847
X1 .			BRIEF NO:
^ I			PIB 75244
	MAP JOG (A) 1501 NE 48-11		October 1966

LOCATION: 1.1 nm W of Xom Ca Trang on Route 15.

DESCRIPTION:

WIDTH

25X1

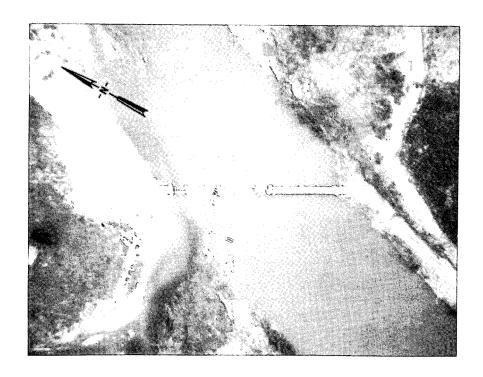


Wood NO. OF SPANS 12 probable LENGTH OF EACH SPAN 25' approx.

STATUS:

5 spans destroyed; 1 span lightly damaged; 1 span severely damaged; 2 piers destroyed; 3 piers moderately damaged.

COMPENSATIVE ACTION:



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	CIA IMAGI	ERY ANALYSIS DIVISION	
25X1	NAME Phuong Tieu Hwy. Bridge S over Cao Ngo Giang	COUNTRY	COORDINATES
	Bridge No. 52 on NE 48-12	North Vietnam	XD 943920
25X1			BRIEF NO: PIB 75245
	MAP JOG (A) 1501 NE 48-12		October 1966
	LOCATION: 1 7 nm S of Phyong Tion or	n Pouto 101	

DESCRIPTION:

25X1

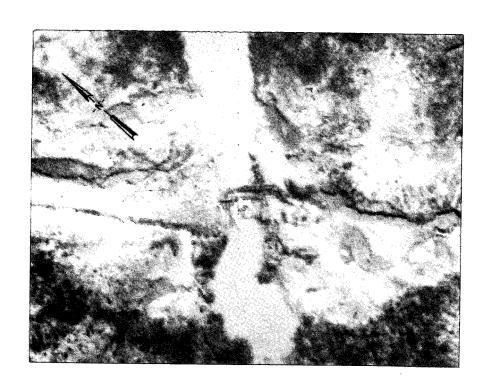
30' approx.

material Timber NO. OF SPANS 2 LENGTH OF EACH SPAN 15' approx.

STATUS: Both spans dropped.

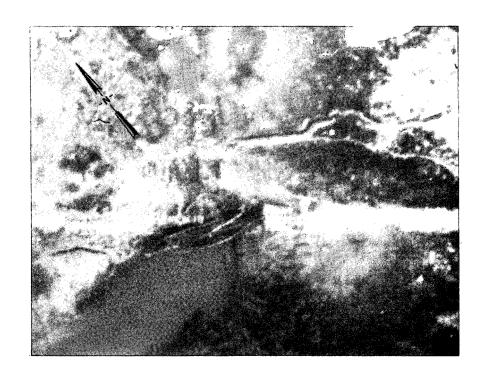
COMPENSATIVE ACTION:

By-pass road and ford.



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•	CIA IMAGER	RY ANALYSIS DIVISION		
25X1	NAME Dong Ca Thon RR. Bridge over Cai Khe Bridge No. 48 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 53N - 106 OLE XE 078787	_
25X1	MAP JOG (A) 1501 NE 48-11	,	PIB 75246 October 1966	
25X1	DESCRIPTION: LENGTH WIDTH Single-track)	material Timber	L'Line.	25X1
	Deck STATUS: 3 spans and 2 piers dropped.	LENGTH OF EACH SPAN		
	compensative action: None			
25X1				



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	CIA IMAGER	Y ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Ly Nhon Bac RR. Bridge (abandoned) Bridge No. 58 on NE 48-12	North Vietnam	17 31N - 106 34E XE 663380
5X1			BRIEF NO: PIB 75247
	MAP JOG (A) 1501 NE 48-12		October 1966

LOCATION: 1.2 nm S of Ly Nhon Bac on Route 1A.

DESCRIPTION:

25X1

WIDTH
TYPE

Heck

MATERIAL Concrete No. of spans 2

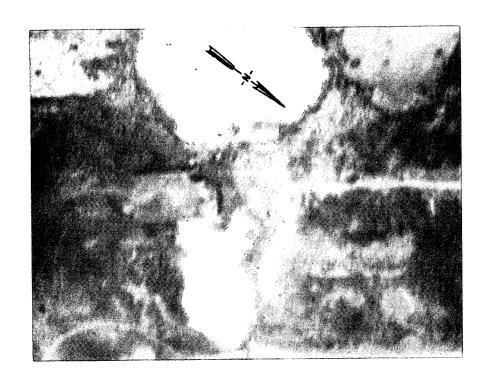
LENGTH OF EACH SPAN 30 tapprox.

STATUS

1 span destroyed, 1 end of other span dropped.

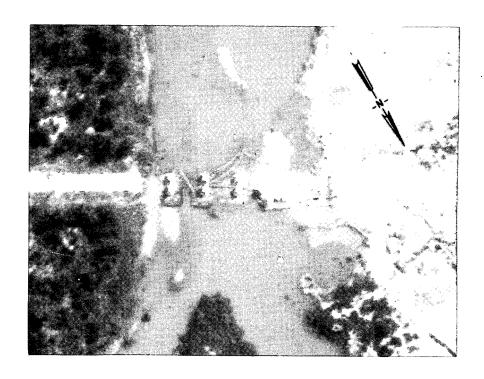
COMPENSATIVE ACTION:

None apparent.



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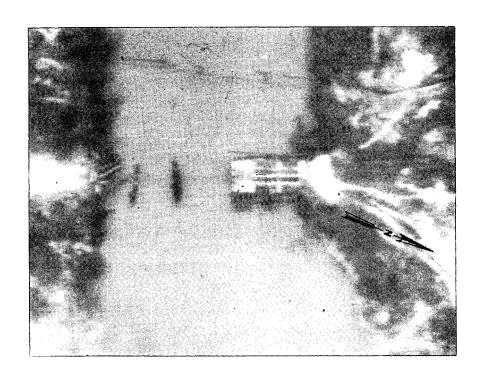
	AGERY ANALYSIS DIVISION	
NAME Hoan Iao Hwy. Bridge W ov	rer COUNTRY	COORDINATES
stream Bridge No. 25 on NE 48-12	North Vietnam	17 35N - 106 31E XE 620455
MAP JOG (A) 1501 NE 48-1	2	BRIEF NO: PIB 75248 October 1966
LOCATION: 0.8 nm NW of Hoan Lao		1 000001 1,000
LENGTH WIDTH TYPE Deck	MATERIAL Wood and (NO. OF SPANS 6 LENGTH OF EACH SPAN	concrete
status: 2 piers destroyed; all sp	ans destroyed; abutments	intact.
COMPENSATIVE ACTION:		
By-pass causeway.		



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	CIA	IMAGERY ANALYSIS DIVISION	
•	NAME	COUNTRY	COORDINATES
	Hoa Loc Hwy. Bridge Bridge No. 57 on NE 48-12	North Vietnam	17 05N - 106 58E YD 101891
25X1			BRIEF NO: PIB 75249
	MAP JOG (A) 1501 NE 48	-12	October 1966
	DESCRIPTION:	Lap on unnumbered route.	
25X1	LENGTH	material Wood and c	concrete
	TYPE Deck	NO. OF SPANS 5	25X1
	status: Three spans destroyed; 2	spans damaged; abutments i	ntact.

COMPENSATIVE ACTION:



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N AME	COUNTRY	COORDINATES
Hau Thach Hwy. Bridge		19 29N - 105 47E
Bridge No. 15 on NE 48-3	North Vietnam	WG 837543
		BRIEF NO:
		PIB 75250
MAP JOG (A) 1501 NE 48-	•3	October 1966

DESCRIPTION:

25X1

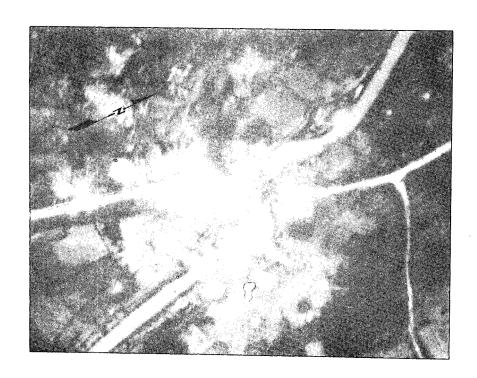
LENGTH HTOIW 10' approx. TYPE Deck

MATERIAL Wood and concrete NO. OF SPANS 2 possible LENGTH OF EACH SPAN

25X1

STATUS: Decking damaged.

COMPENSATIVE ACTION:



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•	•	CIA IMAGER	RY ANALYSIS DIVISION	
25X1	Khe Net	Khe RR. Bridge over o. 11 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 58N - 105 56E WF 987978
25X1	MAP	JOG (A) 1501 NE 48-11		BRIEF NO: PIB 75251 October 1966
•		0.2 nm SW of Xom Khe on the	e Vinh/Dong Hoi Rail Li	
	DESCRIPTIO	N:		
25X1	LENGTH WIDTH Type	200' approx. Single -track) Deck-beam bridge supported by lattice towers	material Timber no. of spans 4 length of each span 50	o' approx.
	STATUS:		٦	
	Rep	laced and possibly serviceab	ole.	
	COMPENSAT	IVE ACTION:		
	con	ood, deck-type bridge suppor structed at the bridge site. ment of track over the brids	There is no connecti	on between the short

be used to shuttle material over the river.

25X1



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	CIA IMA	GERY ANALYSIS DIVISION	
N	NAME	COUNTRY	COORDINATES
	Phuong Do Hwy. Bridge		21 28N - 105 57E
_E	Bridge No. 15 on NF 48-11	North Vietnam	WJ 992748
5X1 Г			BRIEF NO:
•/ .			PIB 75252
	MAP AMS JOG (A) 1501 NF 48	3-11	October 1966

LOCATION: 1.2 nm N of Phuong Do on an unnumbered route.

DESCRIPTION:

25X1

width
type

Jeck

MATERIAL Wood

NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

l span dropped.

COMPENSATIVE ACTION:

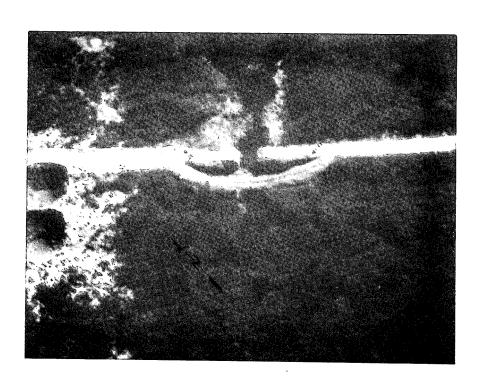


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	CIA IMAGE	ERY ANALYSIS DIVISION		
•	NAME	COUNTRY	COORDINATES	
	Hoang Le Hwy. Bridge Bridge No. 47 on NE 48-11	North Vietnam	17 59N - 106 28E XE 550805	
25X1			BRIEF NO: PIB 75253	
	MAP JOG (A) 1501 NE 48-11		7 October 1966	
	LOCATION: 1.3 nm NW of Hoang Le on I	Route LA.		_
	DESCRIPTION:			
25X1	LENGTH WIDTH	MATERIAL Concrete		
	TYPE Deck	LENGTH OF EACH SPAN		25X1
	Span destroyed; abutments into	act.		

COMPENSATIVE ACTION:

Ford



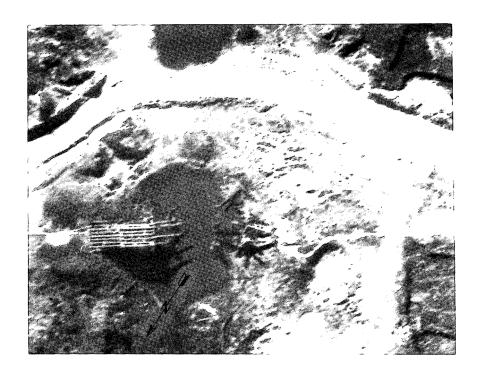
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	CIA IMAGERY ANALYSIS DIVISION			
,	N AME	COUNTRY	COORDINATES	
	Xom Phuong RR. Bridge Bridge No. 4 on NE 48-12	North Vietnam	17 32N - 106 33E XE 643405	
25X1			BRIEF NO: PIB 75254	
	MAP JOG (A) 1501 NE 48-12		October 1966	
	LOCATION: 0.3 nm S of Xom Phuong on a	abandoned Vinh/Dong Hoi	RR.	
	DESCRIPTION:			
25X1	width 350' approx. width Language Deck	material Concrete no. of spans 7 LENGTH OF EACH SPAN 50	'approx.	
	status: 7 spans destroyed; 3 piers des	stroyed.		
	COMPENSATIVE ACTION:			
	None			
25X1				



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	CIA IMA	GERY ANALYSIS DIVISION	
NAME Don	g Lac Hwy. Bridge No. 2	COUNTRY	COORDINATES
over Bau			18 11N - 106 10E
Bridge No	. 65 on NE 48-7	North Vietnam	XF 238117
			BRIEF NO:
			PIB 75255
MAP	JOG (A) 1501 NE 48-7		October 1966
LOCATION:	0.3 nm SSW of Son Kinh c	n unnumbered route.	
DESCRIPTIO	N:		
LENGTH Width Type	100' approx. Deck	material Concret no. of spans 5 length of each span	e and wood
status: 3.sp	ans destroyed; piers dama		
COMPENSATI	VE ACTION:		
Ford			



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Huu Lai RR. Bridge	į .	19 22N - 105 44E	
Bridge No. 51 on NE 48-3	North Vietnam	WG 780429	
		BRIEF NO:	
		PIB 75256	
MAP AMS JOG (A) 1501 NE	48-3	October 1966	

LOCATION: 0.9 nm NW of Huu Lai on Hanoi-Vinh Rail Line.

DESCRIPTION:

WIDTH 60' approx.

10' approx.

Half-through truss

MATERIAL Steel and concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 60' approx.

STATUS:

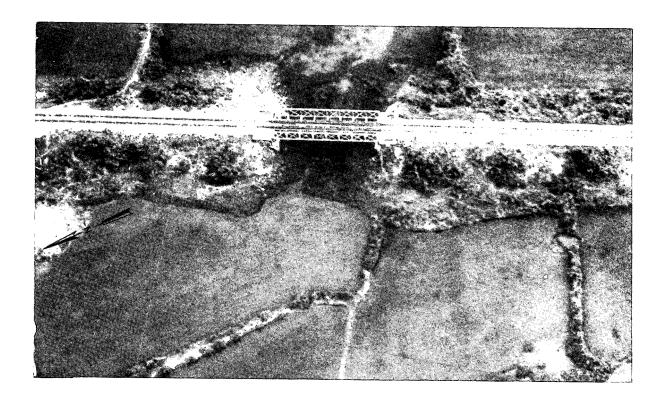
25X1

Pre-strike

COMPENSATIVE ACTION:

NA

25X1



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Huu Lai RR. Bridge		19 22N - 105 44E	
Bridge No. 51 on NE 48-3	North Vietnam	WG 780429	
		BRIEF NO:	
		PIB 75257	
MAP JOG (A) 1501 NE 48-3		October 1966	

LOCATION: 0.9 nm NW of Huu Lai on Hanoi - Vinh Rail Line.

DESCRIPTION:

25X1

WIDTH 10' approx.

TYPE Half-through truss

MATERIAL Steel and concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 60' approx.

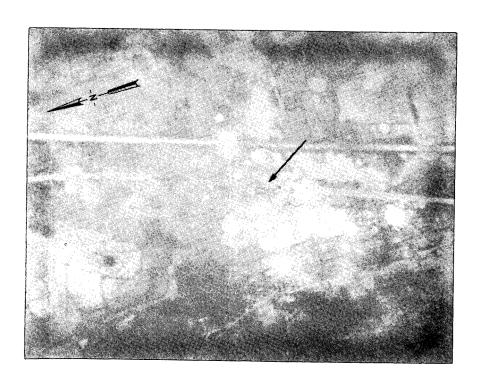
STATUS:

Span dropped; south abutment damaged; south approach cratered.

COMPENSATIVE ACTION:

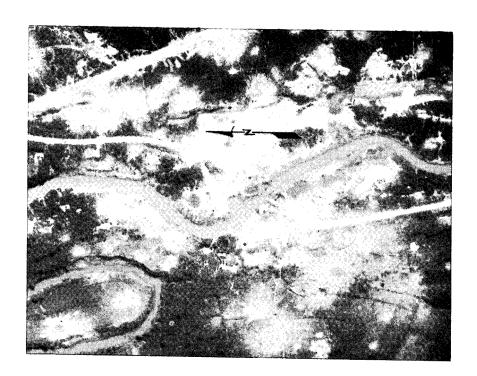
Probable reconstruction activity.

25X1



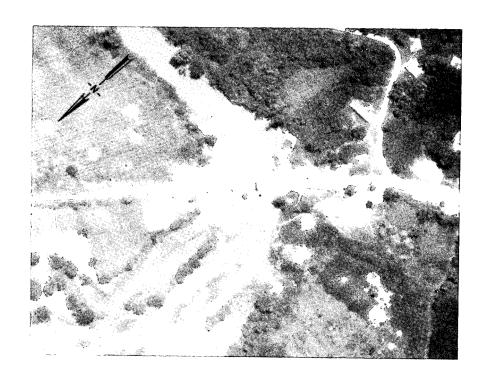
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•	CIA	IMAGERY ANALYSIS DIVISION		
N AME		COUNTRY	COORDINATES	
Thach Luyen Hwy			19 19N - 105 43E	
Bridge No. 31 o	n NE 48 - 3	North Vietnam	WG 758370	
5X1			BRIEF NO:	
3/11			PIB 75258	
map AMS JO	G (A) 1501 NE	E 48-3	October 1966	
LOCATION: At Tha	ch Luyen on Rou	ite No. 1A.		
DESCRIPTION:				
5X1 LENGTH		MATERIAL Concrete		
WIDTH		NO. OF SPANS 6		
TYPE Deck		LENGTH OF EACH SPAN		25X
Deck				25/
0747115				
status: Bridge des	troved.	<u> </u>	<u> </u>	
	5_ 5, 5 a •			
COMPENSATIVE ACTIO	N:			
None				
EV4				
5X1				



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-	CIA IMAGER	RY ANALYSIS DIVISION		
25X1	Cho Moi Hwy. Bridge over Song Cho Bridge No. 1 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 52N - 105 46E WK 802195	
25X1	MAP JOG (A) 1501 NF 48-11 LOCATION: 0.4 nm SW of Cho Moi on Rou		BRIEF NO: PIB 75259 October 1966	
25X1	DESCRIPTION: LENGTH WIDTH TYPE Deck STATUS: Bridge destroyed.	MATERIAL Concrete NO. OF SPANS 3 LENGTH OF EACH SPAN		25X 1
	compensative action: Bridge is in early stages of r	econstruction.		
25X1				



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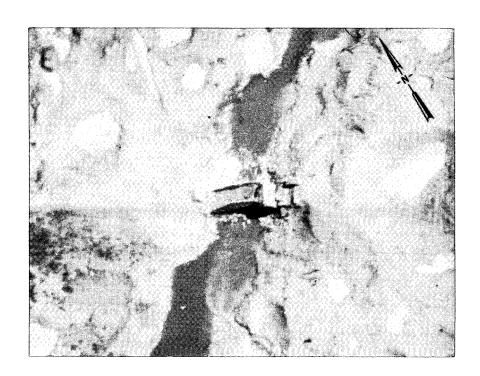
	CIA IMAGERY ANALYSIS DIVISION				
•	NAME Kie	u Moc Phuong Hwy. Bridge	COUNTRY	COORDINATES	
25X1	W over s	tream		17 51N - 106 03E	
	Bridge N	o. 25 on NE 48-11	North Vietnam	XE 128743	
25X1				BRIEF NO:	
				PIB 75260	
	MAP	JOG (A) 1501 NE 48-11		October 1966	
	LOCATION:	0.8 nm SE of Tam Dong Phuor	ng on Vinh/Dong Hoi Rai	l Line.	
	DESCRIPTION	l:			
	LENGTH	110' approx.	MATERIAL Concrete		
25X1	WIDTH		NO. OF SPANS 3		
/	TYPE	Deck	LENGTH OF EACH SPAN 2 @	25' approx.	

1 @ 60' approx.

STATUS:

l abutment destroyed; one 25' span destroyed; l pier destroyed; 60' span dropped.

COMPENSATIVE ACTION:



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CIA IMAG	ERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Ham Hoa Hwy. Bridge		17 03N - 107 00E
Bridge No. 59 on NE 48-12	North Vietnam	YE 148875
5X1		BRIEF NO:
^		PIB 75261
MAP JOG (A) 1501 NE 48-12		October 1966

LOCATION: 1.2 nm NE of Ham Hoa on an unnumbered route.

DESCRIPTION:

25X1 LENGTH WIDTH TYPE 10' approx. Deck

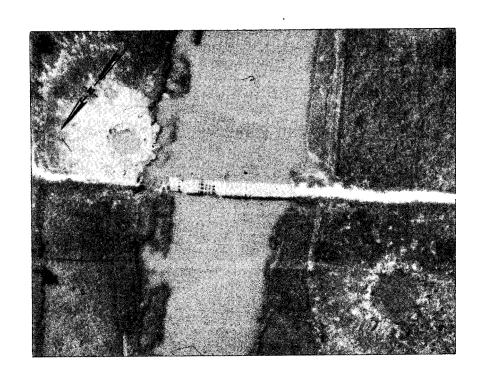
MATERIAL Timber
NO. OF SPANS 8 possible
LENGTH OF EACH SPAN

25X1

STATUS:

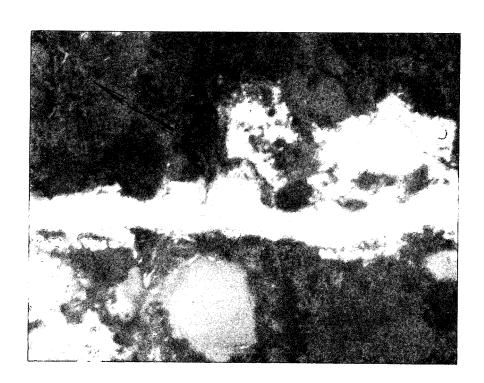
2 spans dropped.

COMPENSATIVE ACTION:



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	CIA IMAGERY ANALYSIS DIVISION			
25X1	NAME Bai Xai Hwy. Bridge over stream Bridge No. 16 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 08N - 104 42E VG 681160	
25X1			BRIEF NO: PIB 75262	
	MAP AMS L509 NF 48-2		October 1966	
	LOCATION: 1 nm SW of Bai Xai on Route	7.		
	DESCRIPTION:			
25X1	WIDTH 100' approx. TYPE Deck	MATERIAL Timber and No. of spans 5 probabl LENGTH OF EACH SPAN 201		
	STATUS: Replaced by probable rock-fill	l causeway and culvert.		
	COMPENSATIVE ACTION:			
	By-pass road and temporary tir	mber bridge.		
25X1				



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CIA IMAGERY ANALYSIS DIVISION NAME Canh Trap Hwy. Bridge COUNTRY COORDINATES 19 13N - 104 32E VG 514251 Bridge No. 12 on NE 48-2 North Vietnam BRIEF NO: PIB 75263 October 1966 JOG (A) 1501

0.2 nm W of Canh Trap on Route 7. LOCATION:

DESCRIPTION:

LENGTH 30' approx. HTDIW 10' approx. TYPE Deck

Timber MATERIAL NO. OF SPANS 2 LENGTH OF EACH SPAN 15' approx.

status: l abutment destroyed; l span dropped.

COMPENSATIVE ACTION:

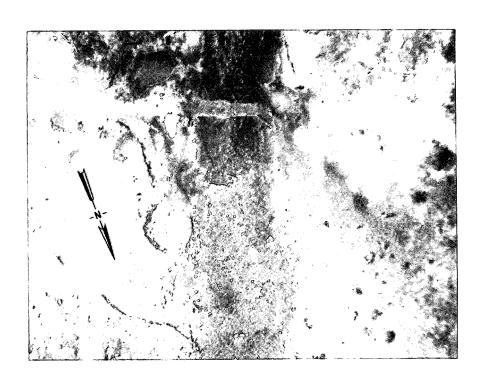
By-pass ford.

25X1

25X1

25X1

Bridge no longer is 4-span because 2 previously destroyed spans were NOTE: replaced by a rock causeway.



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	CIA IMAGERY ANALYSIS DIVISION			
	NAME Thuan Le Hwy. Bridge over	COUNTRY	COORDINATES	
25X1	Khe Thuong Loc		18 13N - 106 04E	
	Bridge No. 66 on NE 48-7	North Vietnam	XF 143146	
25X1			BRIEF NO:	
20/(1			PIB 75264	
	MAP JOG (A) 1501 NE 48-7		October 1966	

LOCATION: 1.0 nm W of Cau Thuong on Route 1A.

DESCRIPTION:

LENGTH 100' approx.
WIDTH 15' approx.
TYPE Deck

material Wood
no. of spans 4 probable
LENGTH OF EACH SPAN 25: approx.

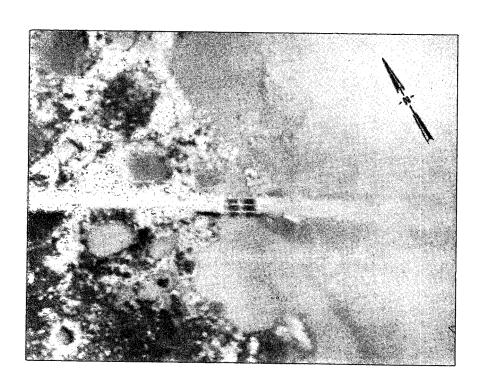
STATUS:

Bridge is in late stages of repair.

COMPENSATIVE ACTION:

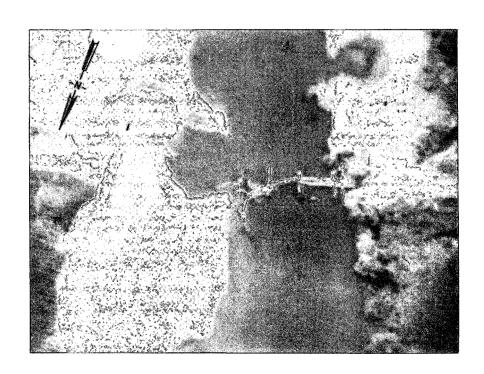
NA

25X1



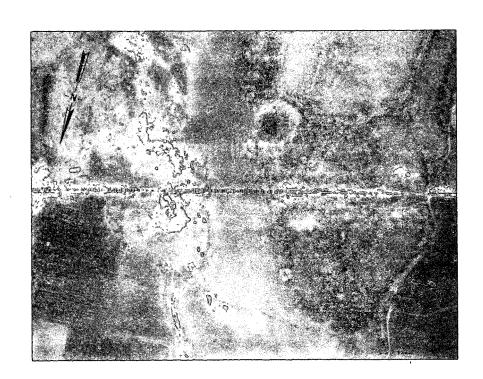
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	CIA IMAGE	RY ANALYSIS DIVISION		_ _
25X1	NAME Dong Bai RR. By-pass Bridge Nover Song Tien Bridge No. 11 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 09N - 105 43E WF 763083	
25X1	MAP JOG (A) 1501 NE 48-7 LOCATION: 0.4 nm NNE of Dong Bai on V	inh/Dong Hoi Rail line	BRIEF NO: PIB 75265 October 1966	
25X1	DESCRIPTION: LENGTH WIDTH Single-track)	MATERIAL Steel, WOO		25X1
	Removeable deck beam status: 9 spans destroyed; 5 piers desseverely damaged.	LENGTH OF EACH SPAN		
	compensative action: None			
25X1				



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	CIA IMAGER	Y ANALYSIS DIVISION		
	NAME Dong Bai RR. By-pass Bridge N	COUNTRY	COORDINATES	
25X1	over Song Tien		18 09N - 105 43E	
	Bridge No. 11 on NE 48-7	North Vietnam	WF 763083	
25X1			BRIEF NO:	
	TOG (A) 3.503 NT 1.0 5		PIB 75266	
	MAP JOG (A) 1501 NE 48-7	TT - T - T	October 1966	
	LOCATION: 0.4 nm NNE of Dong Bai on Vi	nn/Dong Hol Kall Lin	≘.	
	DESCRIPTION:			25X1
25X1	LENGTH	MATERIAL Wood, stee	1	20/(1
	WIDTH Single-track)	NO. OF SPANS 9		
	Removeable deck beam	LENGTH OF EACH SPAN		
	rome vocables about som			
	STATUS:			
	Pre-strike			
	COMPENSATIVE ACTION:			
	None			
	иопе			
25X1				



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	CIA IM	MAGERY ANALYSIS DIVISION		
	NAME Ha Dong Hwy. Bridge over	COUNTRY	COORDINATES	
25X1	Khe Nac Bridge No. 56 on NE 48-7	North Vietnam	18 12N - 105 42E WF 746134	<u> </u>
25X1	Bridge No. 70 on No. 40-1		BRIEF NO: PIB 75267	
	MAP JOG (A) 1501 NE 48-7		October 1966	
	LOCATION: 0.6 nm SW of Ha Dong on	n Route 15.		
	DESCRIPTION:			25X1
25X1	LENGTH	MATERIAL Concrete	and wood	
	WIDTH	NO. OF SPANS 3		
	Deck	LENGTH OF EACH SPAN		
	status: 3 spans destroyed; 1 abut	- ment destroyed; l pier de	estroyed; l pier damag	ed.

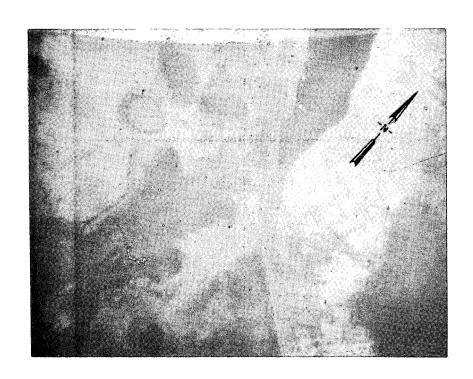
COMPENSATIVE ACTION:

By-pass rock-fill causeway with culvert.



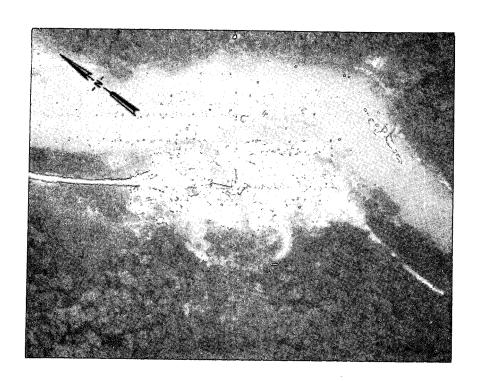
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	CIA IMAGERY ANALYSIS DIVISION				
25X1	NAME Lang Khay RR. Bridge over Ngoi Kay Bridge No. 8 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 OlN - 104 31E VK 509359		
25X1		MOLOH ALEGHAM	BRIEF NO: PIB 75268		
	MAP JOG (A) 1501 NF 48-6 LOCATION: 1.8 nm SW of Ky Dong on Hand	oi/Iao Cai Rail Line.	October 1966		
	DESCRIPTION:				
25X1	WIDTH 135' approx. WIDTH STYPE Deck (Single-track)		steel 90' approx., 1 @ 30' approx 15' approx.		
	STATUS: All spans dropped; 2 piers and	d l abutment destroyed.			
	COMPENSATIVE ACTION:				
	None				
25X1					



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_	CIA IMAGERY ANALYSIS DIVISION			
	NAME Ban Houei Cui Hwy. Bridge	COUNTRY	COORDINATES	
25X1			19 19N - 104 20E	
	Bridge No. 7 on NE 48-2	North Vietnam	VG 298357	
5X1			BRIEF NO:	
			PIB 75269	
	MAP JOG (A) 1501 NE 48-2		October 1966	
	LOCATION: 1 nm NW of Ban Houei Cui on	Route 7.		
	DESCRIPTION:			
.5X1	WIDTH 70' approx.	mater:al Concrete no. of spans 3 LENGTH OF EACH SPAN 7 @	F01 .	
	Deck		50' approx. 10' approx.	
	One 10' span dropped; 50' span	n dropped; one 10' span	moderately damaged.	
	COMPENSATIVE ACTION:			
	By-pass bridge.			
25X1				



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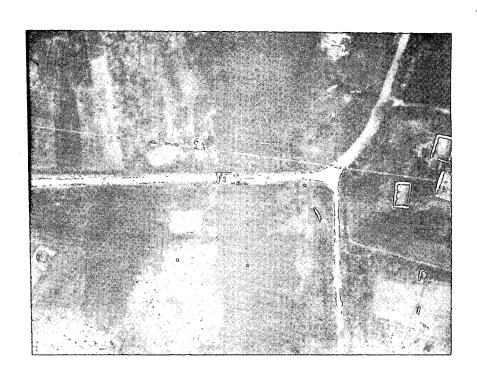
CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Duc Pho Hwy. Bridge Bridge No. 60 on NE 48-12	North Vietnam	17 26N - 106 37E XE 710289
X1		BRIEF NO: PIB 75270
MAP AMS L509 NE 48-12		October 1966
LOCATION: East edge of Duc Pho o	n Route 501.	
DESCRIPTION:		
X1 LENGTH	MATERIAL Timber	

25X1

STATUS:

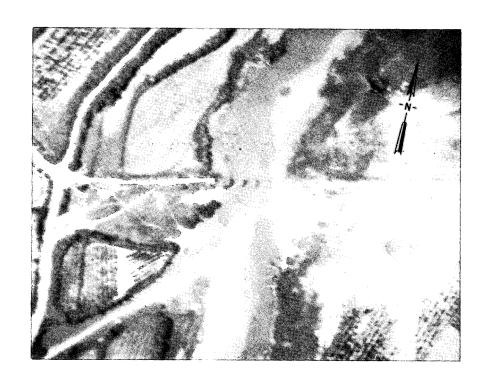
Moderate deck damage.

COMPENSATIVE ACTION:



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	IMAGERY ANALYSIS DIVISION		_
NAME Ky Anh Hwy. Bridge over	COUNTRY	COORDINATES	_
Song Cau Tri		18 04N - 106 16E	
Bridge No. 57 on NE 48-7	North Vietnam	XE 342980	
1		BRIEF NO:	_
		PIB 75271	
LOCATION: 1.5 nm SW of Bieu Due		October 1966	
LENGTH WIDTH TYPE	MATERIAL Probable	wood	2
Deck	LENGTH OF EACH SPAN		4
status: 5 spans destroyed.			
COMPENSATIVE ACTION:			



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CIA IMAGERY ANALYSIS DIVISION				
NAME Ha Thon RR. and Hwy. Bridge	COUNTRY	COORDINATES		
over Song Vac		20 12N - 105 58E		
Bridge No. 10 on NF 48-15	North Vietnam	WH 013348		
	BRIEF NO:			
	PIB 75272			
MAP JOG (A) 1501 NF 48-15		October 1966		

LOCATION: 0.8 nm SE of Vu Nam on Hanoi/Vinh Rail Line.

DESCRIPTION:

25X1

25X1

LENGTH 95' approx.

WIDTH 10' approx. (Single_track) Through-truss

MATERIAL Steel and concrete No. OF SPANS 1
LENGTH OF EACH SPAN 95' approx.

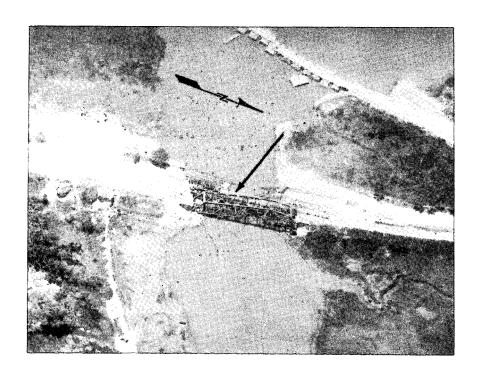
STATUS:

Span dropped and twisted; one abutment heavily damaged.

COMPENSATIVE ACTION:

Serviceable deck-type replacement bridge has been constructed adjacent to the destroyed bridge.

25X1	



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CIA IMAGERY ANALYSIS DIVISION					
NAME Trong Quang Tien RR. Bridge	COUNTRY	COORDINATES			
over Song Yen Tr		19 37N - 105 42E			
Bridge No. 37 on NE 48-3	North Vietnam	WG 740696			
		BRIEF NO:			
		PIB 75273			
MAP .TOG (A) 1501 NTE 483		November 1966			

OCATION: 1.2 nm E of Trong Quang Tien on Hanoi/Dong Hoi Rail Line.

DESCRIPTION:

25X1

25X1

width
type
195' approx.
10' approx.
Deck-girder

MATERIAL Steel
NO. OF SPANS 3
LENGTH OF EACH SPAN 65! approx.

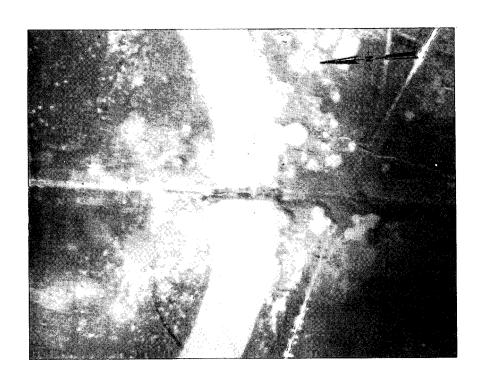
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

By-pass bridge.

25X1



4.

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-						
	CIA IMAGERY ANALYSIS DIVISION					
05V4	NAME Dai Khe Dau	Thuy RR. Bridge SW over	COUNTRY	COORDINATES		
25X1 -		o. 17 on NE 48-3	North Vietnam	19 23N - 105 43E WG 756417		
25X1				BRIEF NO:		
_	MAP	JOG (A) 1501 NE 48-3		PIB 75274 November 1966		
_	LOCATION: 0.5 nm SE of Dong Ky on the Hanoi/Dong Hoi Rail Line. DESCRIPTION:					
25X1 WIDTH 115' approx. MATERIAL Steel and concrete No. of Spans 1				l concrete		
23/(1	TYPE	Half-through truss		115' approx.		
	status: Spa	n dropped.				

compensative action:
None



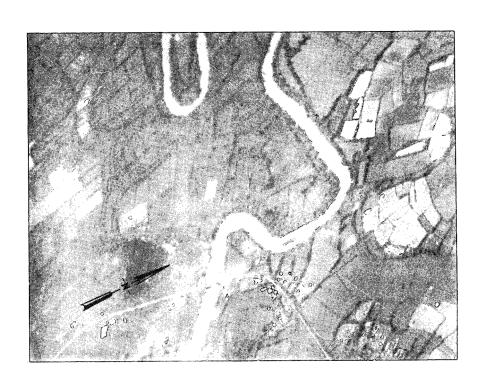
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CIA IMAGERY ANALYSIS DIVISION COORDINATES COUNTRY Bridge NW over Dai 19 23N - 105 43E 25X1 Khe Dua WG 756418 North Vietnam Bridge No. 60 on NE 48-3 BRIEF NO: 25X1 PIB 75275 November 1966 0.5 nm SE of Dong Ky on the Hanoi/Dong Hoi Rail Line. LOCATION: DESCRIPTION: MATERIAL Concrete and steel LENGTH 120' approx. WIDTH NO. OF SPANS 6 (Single track) LENGTH OF EACH SPAN 201 approx. 25X1

COMPENSATIVE ACTION:

Two spans completely destroyed.

STATUS:



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_	CIA IA	MAGERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Huu Lei RR. Bridge Bridge No. 51 on NE 48-3	North Vietnam	19 22N - 105 44E WG 780429
	DITURE NO. /I OH III , O. /		BRIEF NO:
25X1			PIB 75276
L	MAP JOG (A) 1501 NE 48-3	3	November 1966

LOCATION: 0.9 nm NW of Huu Lai on Hanoi/Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 60' approx. WIDTH 10' approx. TYPE

Deck

MATERIAL Wood and steel

NO. OF SPANS

LENGTH OF EACH SPAN 60' approx.

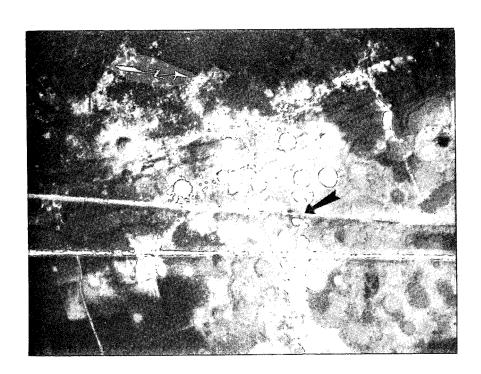
STATUS:

Repaired and probably serviceable.

COMPENSATIVE ACTION:

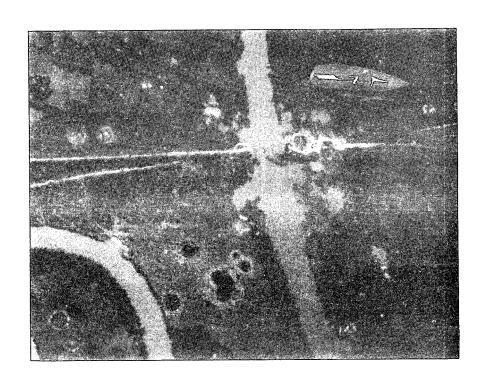
NA

25X1



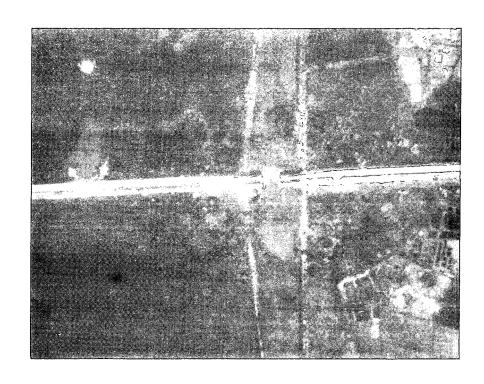
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-	CIA IMAGERY ANALYSIS DIVISION				
-	NAME Thi	Long RR. Bridge over	COUNTRY	COORDINATES	
25X1	Suoi Cay			19 31N - 105 42E	
-	Bridge No	o. 2 on NE 48-3	North Vietnam	WG 742599	
25X1				BRIEF NO:	
		700 (1) 7505 757 10 0		PIB 75277	
-	MAP	JOG (A) 1501 NE 48-3		November 1966	
	LOCATION:	O.1 nm SE of Thi Long on t	he Hanoi/Dong Hoi Ra	ail Line.	
	DESCRIPTION	:			
	LENGTH	100' approx.	material Steel		
25X1	WIDTH Type	(Single track) NO. OF SPANS 2 LENGTH OF EACH SPAN		
	=	Through-truss	ZENOTH OF EXONOLAR	1 @ 25' approx.	
				1 @ 75' approx.	
	STATUS:				
	All	spans destroyed.			
	COMPENSATIV	/E ACTION:			
	None	9			
25X1					



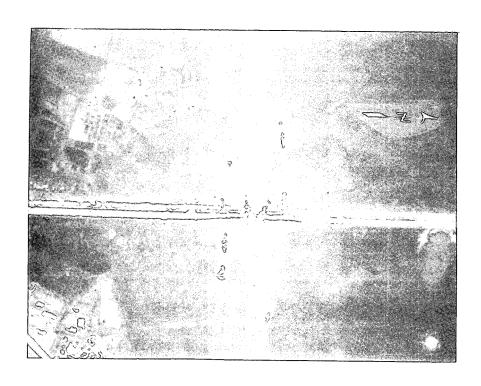
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	• • • • • • • • • • • • • • • • • • • •	SERY ANALYSIS DIVISION	
NAME Dong Khe I	RR. and Hwy. Bridg	e COUNTRY	COORDINATES
S over canal			19 04N - 105 35E
Bridge No. 27 on	NE 48-3	North Vietnam	WG 618081
1			BRIEF NO:
			PIB 75278
MAP JOG (A)	1501 NE 48-3		October 1966
LOCATION: 0.8 nm	N of Dong Khe on t	he Hanoi/Dong Hoi Rai	l Line.
DESCRIPTION:			
LENGTH 120' app	nrov	material Steel an	d concrete
WIDTH	51.02.	NO. OF SPANS 3	
TYPE Deck		LENGTH OF EACH SPAN	40' approx.
STATUS:	an completely dest	xo ved	
Cettoer pho	an combregery dead	royeu.	
-			
_			
COMPENSATIVE ACTION:			



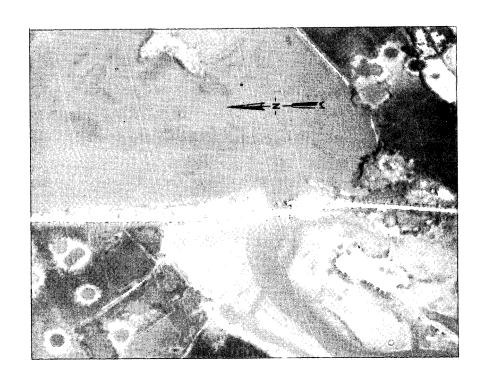
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_		AGERY ANALYSIS DIVISION	1
5X1	Dong Khe RR. and Hwy. Brid over canal	ge S COUNTRY	COORDINATES 19 04N - 105 35E
-\/4	Bridge No. 25 on NE 48-3	North Vietnam	WG 618081
5X1			BRIEF NO:
	MAR IOC (A) 3503 MT 10 2		PIB 75279
-	00G (A) 13U1 NE 40-3		November 1966
	LOCATION: 0.8 nm N of Dong Khe of	n Route LA.	
	DESCRIPTION:		
5X1	LENGTH 120' approx.	NO. OF SPANS 3	and concrete
	Deck	LENGTH OF EACH SPAN	40' approx.
	STATUS: Center span destroyed.		
	COMPENSATIVE ACTION:		
	By-pass bridge east of brid	lge.	
EVA			
25X1			



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_		CIA IMAGER			
_	NAME Qui	My Hwy. Bridge S over	COUNTRY	COORDINATES	
25X1	stream	11/ 12/1/		19 24N - 105 45E	
20/(1	Bridge N	o. 50 on NE 48-3	North Vietnam	w g 800460	
25X1	212080			BRIEF NO:	
				PIB 75280	
•	MAP	JOG (A) 1501 NE 48-3		November 1966	
-	LOCATION:	0.5 nm S of Qui My on Rout	e lA.		
	DESCRIPTION		MATERIAL Timber		
	LENGTH	75' approx.	no. of spans 5 approx.		
	WIDTH Type	10' approx.	LENGTH OF EACH SPAN 15	approx.	
	• • • •	Deck	-/	o.E.E.	
			•		
	STATUS:	aseway at site of original b	oridge.		
	Oac	rpeway as broc or orrestrant			
	COMPENSATI	VE ACTION:			
25X1	Des	stroyed by-pass bridge	replaced by a r	ock filled causeway.	
0EV4					
25X1					



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rth Vietnam	COORDINATES 19 19N - 105 43E WG 758370 BRIEF NO: PIB 75281 November 1966	
aterial Wood	WG 758370 BRIEF NO: PIB 75281	
aterial Wood	BRIEF NO: PIB 75281	
· · - · · · · ·	PIB 75281	
· · - · · · · ·		
· · - · · · · ·	I November 1966	
· · - · · · · ·		
· · - · · · · ·		
· · - · · · · ·		
O. OF SPANS 3		
NGTH OF EACH SPAN		2
k sections obse	erved.	
	ENGTH OF EACH SPAN	ek sections observed.



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CIA IMAGERY ANALYSIS DIVISION

NAME Thach Luyen Hwy. Bridge COUNTRY COORDINATES

By-Pass No. 1

Bridge No. 59 on NE 48-3 North Vietnam WG 764368

BRIEF NO:

PIB 75282

MAP JOG (A) 1501 NE 48-3 November 1966

LOCATION:

0.5 nm S of Thach Luyen on Route 1A.

DESCRIPTION:

25X1

width
type 100' approx.
Deck

MATERIAL Probable concrete NO. OF SPANS 14
LENGTH OF EACH SPAN 25' approx.

STATUS:

Two spans destroyed; one abutment destroyed.

COMPENSATIVE ACTION:

Main bridge (NE 48-3-31) is repaired and serviceable.



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CIA IMAGERY ANALYSIS DIVISION				
NAME Dap Cau RR. and Hwy. Bridge	COUNTRY	COORDINATES		
over Song Cau		21 12N`- 106 05E		
Bridge No. 12 on NF 48-11	North Vietnam	XJ 135450		
		BRIEF NO:		
		PIB 75283		
MAP JOG (A) 1501 NF 48-11		November 1966		
LOCATION: 0.2 nm W of Dap Cau on Rou	ite LA and the Hanoi/Dor	ng Dang Rail Line.		

DESCRIPTION:

25X1

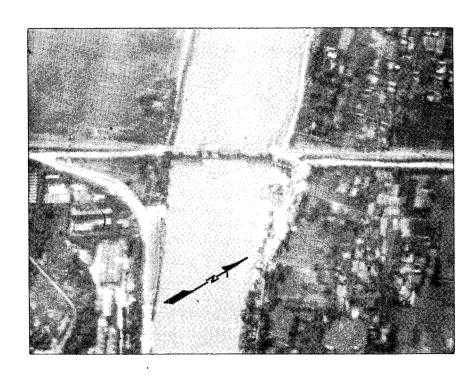
25X1

LENGTH 560' approx. WIDTH 25' approx. TYPE Through-truss MATERIAL Steel and concrete NO. OF SPANS 8 LENGTH OF EACH SPAN 2 @ 40' approx., 6 @ 80' approx.

STATUS:

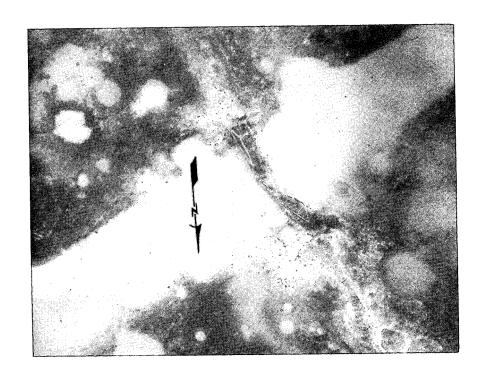
Piers repaired; previously damaged spans replaced by deck-type spans; bridge serviceable to rail traffic; probably not serviceable to vehicular traffic.
COMPENSATIVE ACTION:

By-pass bridge under construction west of bridge; serviceable pontoon by-pass bridge east of bridge. Ferry slips observed but no ferry.



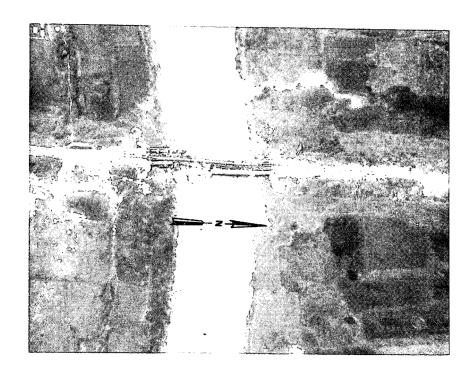
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		CIA IMAG	ERY ANALYSIS DIVISION		
•	NAME That	nh Lac RR. Bridge over	COUNTRY	COORDINATES	
25X1		ini hac int. Di ida	İ	19 40N - 105 42E	
23/(1	stream_	[0. 12 on NE 48-3	North Vietnam	XG 741748	
OEV4	T Bridge I	O. 12 OII N. 10-3		BRIEF NO:	
25X1				PIB 75284	
	MAP	JOG (A) 1501 NE 48-3		November 1966	
	LOCATION:	0.2 nm E of Thinh Lac on	Hanoi/Vinh Rail Line.		
	DESCRIPTION				
		· ·	MATERIAL Steel and	concrete	
25X1	LENGTH WIDTH		NO. OF SPANS 2	Collet a de	
	TYPE	10' approx.	LENGTH OF EACH SPAN		25X
		Through-truss			25/
	STATUS:		L		
		spans destroyed.			
	٠, ر	spans adder of the			
		WE ACTION.			
	COMPENSAT				
	Set	rviceable by-pass bridge.			
25X1					
2J/\ I					



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	CIA IMAGERY ANALYSIS DIVISION				
-	N AME		COUNTRY	COORDINATES	
	Thien Li	nh Dong RR. Bridge		19 43N - 105 42E	
-	Bridge N	[0. 33 on NE 48-3	North Vietnam	XG 748815	
25X1				BRIEF NO:	
	MAP	TOO (A) TOO MIT DO		PIB 75285	
-	LOCATION:	JOG (A) 1501 NE 48-3		November 1966	
	200mmon.	0.5 nm N of Thien Linh Do	ong on Hanoi/Vinh Rail	Line.	
	DESCRIPTION	l:			
	LENGTH	80' approx.	MATERIAL Steel a	and concrete	
25X1	WIDTH		NO. OF SPANS 2		
	TYPE	Deck-girder	LENGTH OF EACH SPAN	40' approx.	
		G			
	STATUS:	a 2			
	Bri foo	dge replaced by temporary	deck-type bridge; ser	viceable to rail and	
	100	t traffic.	•		
	COMPENSATI	VE ACTION:			
	NA				
25.74					
25X1					



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				the state of the s	
•		CIA IMAC	GERY ANALYSIS DIVISION		
•	NAME This	en Linh Dong RR. Bridge	COUNTRY	COORDINATES	
	By-pass I	_	North Vietnam	19 43N - 105 42E XG 748815	_
25X1				BRIEF NO:	<u> </u>
25/(1				PIB 75286	
	MAP	JOG (A) 1501 NE 48-3		November 1966	_
'	LOCATION:	0.5 nm N of Thien Linh D	Oong on Hanoi/Vinh Rail	Line.	
	DESCRIPTION	:			
25X1	LENGTH		MATERIAL Steel and	concrete	
	WIDTH Type		NO. OF SPANS LENGTH OF EACH SPAN		
	117-2	Deck	LENGTH OF EACH SPAN		25X1
	STATUS:		L		

COMPENSATIVE ACTION:

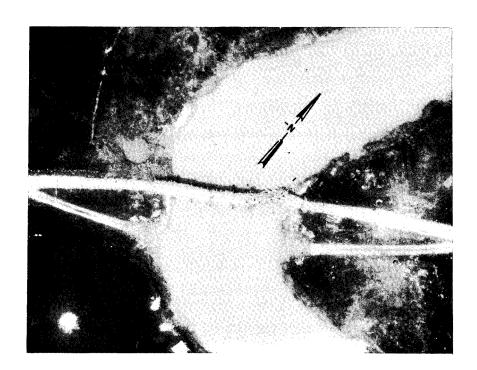
Spans destroyed.

None; main rail bridge is serviceable.



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	CIA II	MAGERY ANALYSIS DIVISION		
over Vi	ien Linh Dong Hwy. Brid Giang No. 32 on NE 48-3	ge COUNTRY North Vietnam	COORDINATES 19 43N - 105 42E WG 752806	
MAP	JOG (A) 1501 NE 48-	3	PIB 75287 November 1966	
LOCATION:	0.5 nm SSW of Thien L	inh Dong on Route 704.		
DESCRIPTION LENGTH WIDTH TYPE	10' approx. Deck	MATERIAL WOOD NO. OF SPANS 8 LENGTH OF EACH SPAN		
status:	spans dropped; one pier	destroyed.		
COMPENSAT	IVE ACTION:			

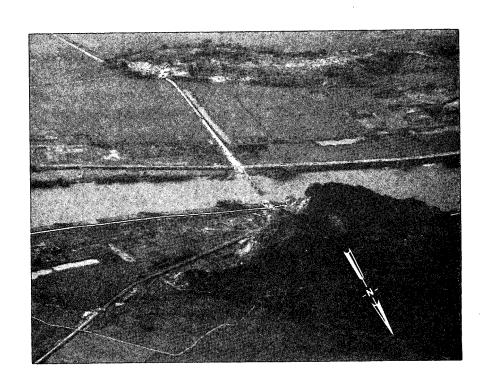


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_	CIA	IMAGERY ANALYSIS DIVISION	
-	NAME Dong Phuong Thuong RR. I		COORDINATES
X1	S over Song Len		19 58N - 105 49E
/\ I	Bridge No. 6 on NE 48-3	North Vietnam	хн 864077
X1 -	Di Lugo Mor i de		BRIEF NO:
/\ I			PIB 75288
	MAP JOG (A) 1501 NE 48		November 1966
•	LOCATION: 1 nm W of Ngoc Tu or	n Hanoi/Dong Hoi Rail Line.	
	DESCRIPTION:		
	LENGTH 270 approx.	material Timber	
X1	width (Single	e track) no. of spans 6	
	TYPE Deck	e track) Length of Each Span 45	'approx.
	STATUS:		
	2 spans and 1 pier dest:	royed.	

COMPENSATIVE ACTION:

None



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CIA IMAGER	RY ANALYSIS DIVISION	
NAME Co Giang Hwy. Bridge over	COUNTRY	COORDINATES
stream		17 36N - 106 20E
Bridge No. 42 on NE 48-11	North Vietnam	XE 432480
		BRIEF NO:
		PIB 75289
MAP AMS L509 NE 48-11		November 1966

LOCATION: 0.2 nm W of Co Giang on Route 101.

DESCRIPTION:

25X1

25X1

LENGTH 30' approx. WIDTH 10' approx. TYPE Deck

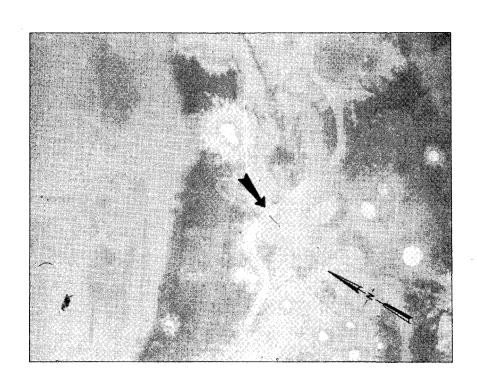
MATERIAL Timber NO. OF SPANS 2 LENGTH OF EACH SPAN 15' approx.

STATUS:

Bridge repaired and is now serviceable.

COMPENSATIVE ACTION:

None



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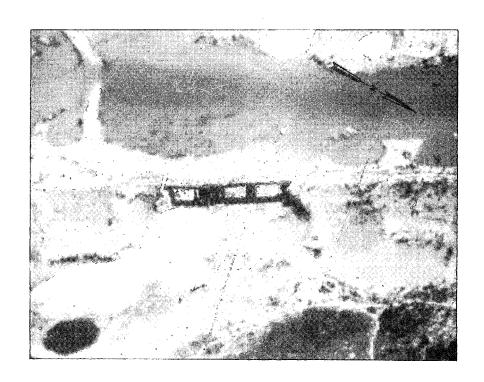
		CIA IMAGERY ANALYSIS DIVISION		_
	N AME	COUNTRY	COORDINATES	_
	Xom Bo RR. Bridge Bridge No. 87 on NE 48-7	North Vietnam	18 15N - 105 40E WF 717189	_
25X1			BRIEF NO:	_
			PIB 75290	
	JOG (A) L50L N	E 48-7	November 1966	_
	LOCATION: O.1 nm S of Xom	Bo on Vinh/Dong Hoi Rail Line.		_
	DESCRIPTION:			
25X1	LENGTH	MATERIAL Steel with	concrete piers	
	WIDTH	NO. OF SPANS 3		
	Deck	LENGTH OF EACH SPAN		25X1

COMPENSATIVE ACTION:

STATUS:

Bridge repaired by the addition of reinforcing piers.

One pier probably damaged; serviceable.



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	CIA IMAGERY ANALYSIS DIVISION			
_	NAME Xom Trung Hoa Hwy. Bridge	over COUNTRY		COORDINATES
25X1	stream			18 42N - 105 27E
_	Bridge No. 80 on NE 48-7	North	Vietnam	WF 472684
5X1 T				BRIEF NO:
				PIB 75291
_	MAP JOG (A) 1501 NE 48-	7		November 1966
	LOCATION: O.1 nm E of Xom Trung	on Route 15.		

DESCRIPTION:

LENGTH WIDTH TYPE

120' approx. 10' approx.

Deck-beam

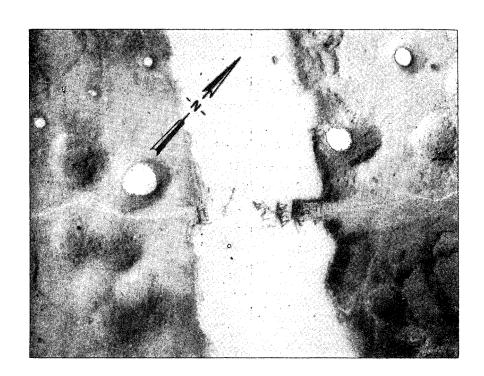
MATERIAL Timber NO. OF SPANS

LENGTH OF EACH SPAN 15' approx.

status:
6 spans destroyed; 2 spans heavily damaged; 5 piers heavily damaged; l abutment damaged.

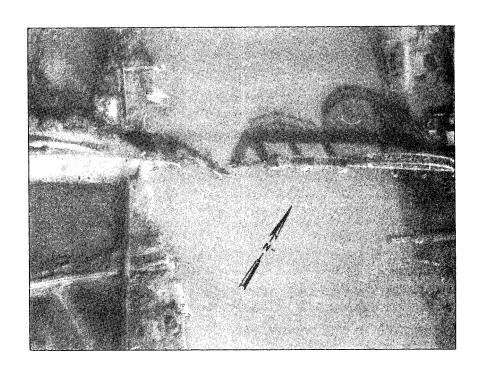
COMPENSATIVE ACTION:

Ford



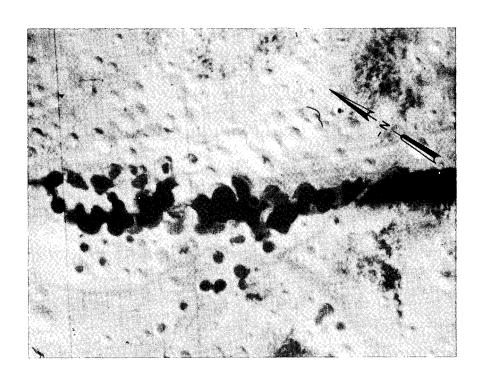
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	CIA IMAGERY ANALYSIS DIVISION					
•	NAME Ninh Binh RR. and Hwy.	Bridge COUNTRY	COORDINATES			
25X1	over Song Day		20 15N - 105 59E			
	Bridge No. 1 on NF 48-15	North Vietnam	ХН 030405			
25X1			BRIEF NO:			
			PIB 75292			
	MAP JOG (A) 1501 NF	48-15	November 1966			
	LOCATION: At Ninh Binh on Ro	oute 10.				
	DESCRIPTION:					
25X1	WIDTH TYPE Through-truss W/ce	I ENGTH OF FACH SPAN O	inuous trussed and center			
	swing span status: 3 spans dropped; one p	pier destroyed; one pier damaged	a .			
	compensative action: Railroad by-pass bridg	ge under construction east of ma	ain bridge.			



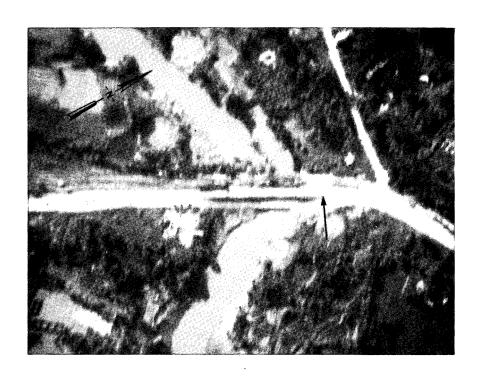
Approved For Release 2002/08/12: CIA-RDP78T05161A001600060001-6

_		CIA IMAG	ERY ANALYSIS DIVISION	
_	NAME Reli	Khe Hwy. Bridge over	COUNTRY	COORDINATES
	stream	inite inv.y : Di rage o vor		17 40N - 106 30E
		o. 15 on NE 48-12	North Vietnam	XE 601538
T	DI LUEC I	O		BRIEF NO:
				PIB 75293
-	MAP	JOG (A) 1501 NE 48-12		November 1966
_	LOCATION:	1.6 nm NW of Ly Hoa on R	Route LA.	
	DESCRIPTION	l:		
	LENGTH WIDTH	30' approx.	MATERIAL Wood	
	TYPE	Deck-beam	LENGTH OF EACH SPAN	30' approx.
	STATUS:			
	Con	pletely destroyed.		
	COMPENSATI	VE ACTION:		
	For	· d		



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	CIA IMAGERY ANALYSIS DIVISION				
	NAME Yen Bai Hwy. Bridge over	COUNTRY	COORDINATES		
25X1	Ngoi Cuong No		21 42N - 104 53E		
	Bridge No. 36 on NF 48-10	North Vietnam	VJ 881999		
25X1			BRIEF NO:		
			PIB 75294		
	MAP JOG (A) 1501 NF 48-10		November 1966		
	LOCATION: 0.4 nm NE of Yen Bai on Ro	ute 13A.			
	DESCRIPTION:				
25X1	winth 40' approx.	MATERIAL Concrete and	l steel		
	Deck	LENGTH OF EACH SPAN	approx.		
	STATUS: Bridge repaired and serviceable for vehicular traffic.				
	COMPENSATIVE ACTION:				
	By-pass highway bridge.				
25X1					



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•	CIA IMAGERY ANALYSIS DIVISION			
•	NAME Yen My RR. and Hwy. Bridge N	COUNTRY	COORDINATES	
25X1	over stream Bridge No. 15 on NE 48-7	North Vietnam	18 38N - 105 39E WF 692608	
امديرا	D1 100 110 1 1 011 110		BRIEF NO:	
25X1			PIB 75295	
	MAP JOG (A) 1501 NE 48-7		November 1966	
•	LOCATION: O E mm N of Do Von on Vinh	Dong Hoi Rail Line		

LOCATION: 0.5 nm N of Do Yen on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

60' approx. 10' approx. LENGTH WIDTH TYPE Deck

MATERIAL Concrete and steel LENGTH OF EACH SPAN 201 approx.

STATUS:

2 spans destroyed; 1 pier destroyed.

COMPENSATIVE ACTION:

None

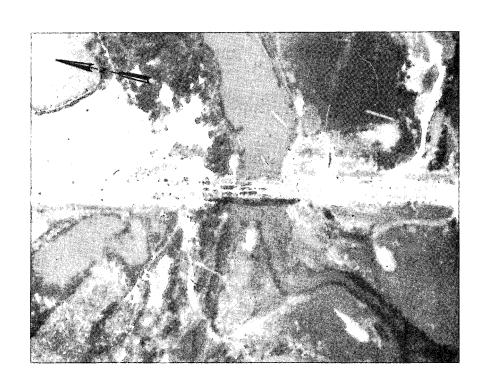


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	N AME		COUNTRY	COORDINATES
	Dong Son Bridge N	Hwy. Bridge No. 88 on NE 48-7	North Vietnam	18 37N - 105 31E XF 553590
(1				BRIEF NO: PIB 75296
	MAP	JOG (A) 1501 NE 48-	7	November 1966
,	LOCATION:	1.4 nm NW of Dong Son	on Route 72.	
4	DESCRIPTION	l: · · · · · · · · · · · · · · · · · · ·	**	
1	LENGTH		MATERIAL WOOD	
	WIDTH Type	10' approx. Deck	NO. OF SPANS 5	

COMPENSATIVE ACTION:

By-pass road and causeway.



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LOCATION: O.1 nm W of Canh Trap on Route 7.

DESCRIPTION:

25X1

25X1

WIDTH 30' approx.
TYPE 10' approx.
Deck

NO. OF SPANS 2 LENGTH OF EACH SPAN 15 approx.

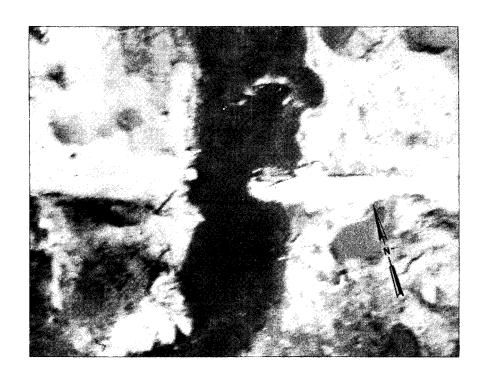
MATERIAL Timber

STATUS:

Completely destroyed.

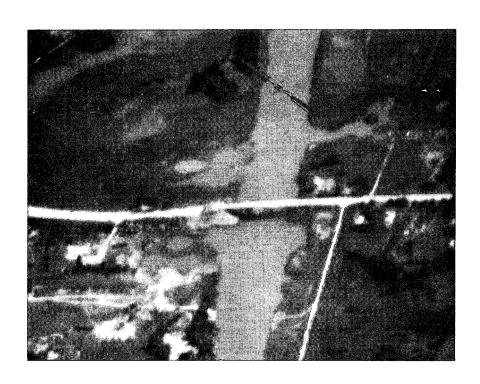
COMPENSATIVE ACTION:

By-pass causeway and short timber span.



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CIA IMAGERY ANALYSIS DIVISION				
NAME Vinh Hwv. Bridge S 2 over stream Bridge No. 37 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 37N - 105 40E WF 707599	 25X1	
MAP JOG (A) 1501 NE 48-7	Davida Q	BRIEF NO: PIB 75298 November 1966	25X1	
LOCATION: 0.4 nm SW of Yen Dong on	koute o.		25X1	
DESCRIPTION: LENGTH WIDTH TYPE Deck	material Concrete no. of spans 4 length of each span		25X1	
status: Repaired and serviceable.				
COMPENSATIVE ACTION:				
None			25X1	



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	CIA IMAGE	RY ANALYSIS DIVISION		
•	NAME Hung Long Hwy. Bridge over	COUNTRY	COORDINATES	
25X1	Cau Song		18 23N - 105 47E	
	Bridge No. 71 on NE 48-7	North Vietnam	WF 843330	_
25X1			BRIEF NO:	
			PIB 75299	
	MAP JOG (A) 1501 NE 48-7		November 1966	
'	LOCATION: 0.8 nm W of Viet Xuyen on	Route 82.		
25X1	DESCRIPTION: LENGTH WIDTH TYPE Deck	material Concrete no. of spans 14 LENGTH OF EACH SPAN		25X1
25X1	Old span destroyed; replace bridge is serviceable.	ced by two temporar	ry wood spans;	25X1
	COMPENSATIVE ACTION:			
	None			

